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TRANSACTIONS
OF THE
AMERICAN INSTITUTE
OF
ELECTRICAL ENGINEERS.

CATALOGUE OF MEMBERS.
Revised to February 1, 1898.

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AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS.

CATALOGUE OF MEMBERS.

FEBRUARY 1ST, 1898.

HONORARY MEMBERS.

Name.	Address.	Date of Membership.
KELVIN, *Lord,*	*LL.D., F.R.S.S.L.* and *E.* The University, Glasgow, Scotland,	H.M. May 17, 1892
PREECE, WM. H. *F.R.S.*	Electrician, General Post Office, London, Eng. Residence, Gothic Lodge, Wimbledon.	H.M. Oct. 21, 1884

Total, 2.

MEMBERS.

ABBOTT, ARTHUR V.	Chief Engineer, Chicago Telephone Co., 203 Washington St., Chicago, Ill.	A Oct. 21, 1890 M Jan. 16, 1895
ACHESON, EDW. G.	President, The Carborundum Co., Niagara Falls, N. Y.	A Jan. 3, 1888 M May 1, 1888
ADAMS, ALTON D.	Electrical Engineer, 620 Atlantic Ave., Boston, Mass.	A April 18, 1893 M Jan. 17, 1894
AHEARN, THOMAS	Ahearn & Soper, Electrical Supplies, Ottawa, Ont.	A July 12, 1887 M Sept. 6, 1887
ALBRIGHT, H. FLEETWOOD	Electrical Engineer, Western Electric Co., New York; residence, 60 Sayre St., Elizabeth, N. J.	A Sept. 27, 1892 M June 20, 1894
ALMON, G. H.	Electrical Engineer and Contractor, Montpelier, Vt.	A Sept. 20, 1893 M Mar. 21, 1894
ANDREWS, WM. S	Manager Central Station Sales, General Electric Co., Schenectady, N. Y.	A Mar. 5. 1889 M April 22, 1896
ANTHONY, PROF. W. A.	(*Past President.*) Consulting Electrician, Cooper Union, New York, N. Y.	A Dec. 9, 1884 M Jan. 6, 1885

Name.	Address.	Date of Membership.
Arnold, Bion J.	(*Manager.*) Consulting Electrical Engineer, 1541 Marquette Bldg. and 4128 Prairie Ave., Chicago, Ill.	A Oct. 25, 1892 M Nov. 15, 1893
Ayer, James I.	General Manager American Electric Heating Corporation, 611 Sears Building, Boston, Mass.	A May 19, 1891 M April 19, 1892
Ayres, Brown	Professor of Physics and Electrical Engineering, Tulane University, New Orleans, La.	A Dec 16, 1891 M Mar. 15, 1892
Badt, Lieut. Francis B.	Electrical Engineer, Firm of Meysenburg and Badt, 1522 Monadnock Block and 6506 Lafayette Ave., (Englewood), Chicago, Ill.	A April 19, 1892 M Mar 25, 1896
Baillard, E. V.	Manufacturer of Electrical Instruments and Fine Machinery, 106 Liberty St., New York City.	A Dec. 3, 1889 M Jan. 16, 1895
Baldwin, Bert L.	Mechanical and Electrical Engineer, The Cincinnati Street R'way Co., 72 Perin Bldg., Cincinnati, O.	A April 22, 1896 M Nov. 18, 1896
Batchelor, Chas.	Electrical Engineer, 33 West 25th St., New York City.	A June 8, 1887 M July 12, 1887
Bates, J. H.	Assistant Engineer and Draughtsman, with C. J. Bates & Co., 126 Liberty St., New York City, and 321 Hudson St., Hoboken, N. J.	A Sept. 6, 1887 M Oct. 1, 1889
Baylis, Robert Nelson	The Baylis Co., 99 Cedar St., New York City.	A Oct. 1, 1889 M May 17, 1892
Bedell, Dr. Fredrick,	Assistant Professor in Physics, Cornell University, Ithaca, N. Y.	A April 21, 1891 M May 19, 1896
Bell, Prof. A. Graham	(*Past President.*) 1331 Conn. Ave., Washington, D. C., and Baddeck, N. S.	A April 15, 1884 M Oct. 21, 1884
Bell, Dr. Louis	Electrical Engineer, Boston, Mass.	A May 20, 1890 M June 18, 1890
Benjamin, Park	Electrical Expert and Engineer, 203 Broadway, N. Y. City.	A Dec. 16, 1891 M Feb. 16, 1892
Bernard, Edgar G.	Electrical Engineer, President, E. G. Bernard & Co., 43 4th St., Troy, N. Y.	A. Jan. 5, 1886 M July 12, 1887
Berthold, Victor M.	Patent Department, American Bell Telephone Co., 125 Milk St., Boston; residence, 16 Upton St., Cambridgeport, Mass.	A May 17, 1892 M May 21, 1895
Billberg, C. O. C.	Electrical Engineer, 3300 Arch St., Philadelphia, Pa.	A Mar. 21, 1894 M Feb. 27, 1895
Binney, Harold	Patent Solicitor and Expert, 31 Nassau St., New York City.	A Sept. 16, 1890 M Dec. 16, 1890
Birdsall, E. T. *M. E.*	Consulting Electrical Engineer, 26 Cortlandt St., residence, 56 West 38th St., New York City.	A June 8, 1887 M Nov. 1, 1887

Name.	Address.	Date of Membership.
Bishop, James Draper	Electrical Engineer of the Safety Insulated Wire and Cable Co., 229 W. 28th St., New York City.	A Dec. 16, 1891 M Oct. 25, 1892
Blades, Harry H.	Electrical Engineer, 419 Cass Ave., Detroit, Mich.	A April 19, 1892 M May 21, 1895
Blake, Francis	Auburndale, Mass.	A Sept. 3, 1889 M Oct. 1, 1889
Blodgett, Geo. W.	Electrical Engineer, B. & A. R. R. and Consulting Electrician, Boston, Mass.	A July 12, 1887 M Sept. 6, 1887
Blood, John Balch	Blood and Hale, Consulting Engineers, Room 22-A, Equitable Building, Boston, Mass.	A June 20, 1894 M Dec. 18, 1895
Boileau, Willard E.	Superintendent and Electrician, Brush Electric Light & Power Co., Columbus, Ga.	A Sept. 19, 1894 M Mar. 25, 1896
Bosch, Adam	Sup't Fire Alarm Telegraph, Newark, N. J.	A April 15, 1884 M Jan. 6, 1885
Bottomley, Harry	Electrical Engineer, Supt., Marlboro Electric Co., Marlboro, Mass.	A April 2, 1889 M Jan. 22, 1896
Bourne, Frank	Electrical Engineer, 26 Cortlandt St., New York City.	A April 21, 1891 M Nov. 15, 1892
Bowman, Fred. A.	Supt., New Glasgow Electric Co., New Glasgow, Nova Scotia.	A May 19, 1891 M Nov. 21, 1894
Boyer, Elmer E.	Foreman, Testing Department, Lynn Works, General Electric Co., Lynn, Mass.	A Sept. 25, 1895 M Mar. 25, 1896
Boynton, Edward C.	Electrical Dep't, N. Y., N. H. & H. R. R., New Haven, Ct.	A Aug. 6, 1889 M Nov. 24, 1891
Bradley, Chas. S.	(*Vice President.*) Electrical Engineer, 44 Broad Street, New York City.	A May 24, 1887 M Dec. 6, 1887
Brenner, William H.	Constructing Engineer, Care of Frazar & Co., Yokohama, Japan.	A Sept 20, 1893 M Mar. 21, 1894
Brinckerhoff, Henry Morton	Electrical Engineer, Metropolitan West Side Elevated R. R.; 258 Franklin St., Chicago, Ill.	A Sept. 23, 1896 M Dec. 16, 1896
Broadnax, Francis	Electrical Engineer, Blake and Williams, 362 West Broadway, New York City; residence, 28 Walnut St., Montclair, N. J.	A Jan. 17, 1894 M Jan. 16, 1895
Brooks, Morgan	President and Manager, The Electrical Engineering Co., 249 Second Ave., South; residence, 2950 Park Ave., Minneapolis, Minn.	A May 20, 1890 M June 17, 1890
Brown, Alfred S.	Electrical Engineer, Western Union Telegraph Co., 195 Broadway, P. O. Box 856, New York City.	A Mar. 18, 1890 M Feb. 21, 1893
Brown, Edward D.	General Inspector, American Telephone and Telegraph Co., 18 Cortlandt St, New York City; residence, 75 Hicks St., Brooklyn, N.Y.	A Sept. 19, 1894 M Nov. 20, 1895

Name.	Address.	Date of Membership.
Brown, J. Stanford, *E.E.*, [Life Member.]	Consulting Electrical Engineer; Carpenter Steel Co., 1 Broadway and 100 Broadway, New York City; residence, Park Hill, Yonkers, N. Y.	A Sept. 6, 1887 M Nov. 1, 1887
Brush, Chas. F.	Electrical Engineer, 453 The Arcade, Cleveland, O.	A April 15, 1884 M Oct. 21, 1884
Burleigh, Chas. B.	Electrical Engineer, General Electric Co., 180 Summer St., Boston, Mass.	A April 21, 1891 M Feb. 16, 1892
Cahoon, Jas. B.	Electrical Engineer; General Manager, The Elmira Municipal Improvement Co., 313 Columbia St., Elmira, N. Y.	A June 17, 1890 M May 19, 1891
Callender, Romaine	Electrician, Ryton-on-Tyne, Eng.	A Sept. 27, 1892 M May 21, 1895
Carhart, Henry S.	Prof. of Physics, University of Michigan, Ann Arbor, Mich.	A Sept. 25, 1895 M April 22. 1896
Carroll, Leigh	Algiers Waterworks and Electric Co., Bank of Commerce Bldg. New Orleans, La.	A Oct. 1, 1889 M Nov. 12, 1889
Carus-Wilson, Charles A.	Professor of Electrical Engineering, McGill University, Montreal, P. Q.	A April 18, 1894 M April 17, 1895
Chamberlain, J. C.	Electrical Engineer, Morris Heights; residence, 1 West 81st St., New York City.	A Dec. 6, 1887 M Jan. 3, 1888
Chandler, Professor Charles F.	Columbia University 41 East 49th St., New York City.	A Jan. 20, 1891 M June 7, 1892
Chase, Harvey Stuart	Mechanical and Electrical Engineer, 8 Congress St., Boston, Mass.	A Sept. 19, 1894 M Jan. 22, 1896
Cheney, W. C.	Electrical Engineer, Portland Oregon; Residence, Oregon City, Or.	A Sept. 22, 1891 M Nov. 21, 1894
Childs, Arthur Edwards, *B. Sc. M.E.E.E.*	Manager New England Office, The Electric Storage Battery Co., 89 State Street, Boston, Mass.	A June 20, 1894 M April 17, 1895
Churchill, Arthur	British Thomson-Houston Co., 83 Cannon Street, London, Eng.	A April 15, 1890 M Jan. 17, 1893
Clark, Ernest P.	Electrical Engineer, B. Altman & Co, 19th St., and 6th Ave., New York City.	A Jan. 8, 1887 M Nov. 1, 1887
Clarke, Chas. L.	Electrical Engineer and Patent Expert, 31 Nassau St., New York City.	A April 15, 1884 M Jan. 6, 1885
Colby, Edward A.	Consulting Engineer, Lock Box 113, Newark, N. J.	A April 2, 1889 M May 7, 1889
Colvin, Frank R.	Western Electric Co, 57 Bethune St., New York City.	A April 18, 1894 M May 21, 1895
Comstock, Louis K.	Electrical Engineer, Western Electric Co., Chicago, Ill.	A Dec. 20, 1893 M Nov. 20, 1895

Name.	Address.	Date of Membership.
CONDICT, G. HERBERT	Electrical Engineer, 5328 Green St., Germantown, Pa.	A July 12, 1887 M Sept. 6, 1887
COSTER, MAURICE	Engineer, Westinghouse Elec. and Mfg. Co., N. Y. Life Bldg., Chicago, Ill.	A Sept. 25, 1895 M Mar. 25, 1896
CORNELL, CHARLES L.	Electrical Engineer, Hamilton, O.	A Feb. 7, 1890 M June 27, 1895
COWLES, ALFRED H.	Technical Adviser to the Cowles Smelting and Aluminum Co., 656 Prospect St., Cleveland, O.	A Mar. 5, 1886 M May 7, 1889
CRAIG, J. HALLY	New England Electrical Supply Co., 49 Federal St., Boston, Mass.	A May 16, 1893 M Feb. 27, 1895
CRANDALL, JOSEPH EDWIN	Electrician, C. & P. Telephone Co., 619 Fourteenth St., N. W. Washington, D. C.	A April 18, 1892 M April 18, 1894
CROCKER, FRANCIS BACON [Life Member.]	(*President*) Professor of Electrical Engineering, Columbia University, New York.	A May 24, 1887 M April 2, 1889
CROSBY, JAMES WELLINGTON	Electrical Engineer, Room 102, 15 Federal St., Boston; residence, Wellington, Mass.	A Feb. 21, 1894 M Feb. 27, 1895
CROSS, CHARLES R.	Thayer Professor of Physics, and Director of the Rogers Laboratory, Mass. Institute of Technology, Boston, Mass.	A April 15, 1884 M Oct. 21, 1884
CUSHING, HARRY COOKE, JR.	Electrical Consulting and Constructing Engineer, 39 Cortlandt St., New York City.	A Sept. 19, 1894 M Nov. 18, 1896
CUTTER, GEORGE	Dealer in Electrical Supplies, 851 The Rookery, Chicago, Ills.	A June 17, 1890 M May 19, 1891
CUTTRISS, CHAS.	Electrician, The Commercial Cable Co., 20 Broad St., New York.	A Nov. 1, 1887 M Dec. 6, 1887
DAFT, LEO	Consulting Electrical Engineer and Contractor, Sydney, N. S. W.	A Dec. 9, 1884 M Jan. 6, 1885
DANIELL, FRANCIS G.	Electrical Engineer, Fairhaven and Westville R. R. Co., P. O. Box 394, New Haven, Conn.	A Nov. 12, 1889 M June 20, 1894
DARLINGTON, FREDERIC W.	Consulting Electrical and Mechanical Engineer, 907 Drexel Building, Philadelphia, Pa.	A Sept. 19, 1894 M Nov. 25, 1895
DAVIDSON, A.	Cable Engineer and Electrician, Central and South American Telegraph Co., Lima, Peru.	A May 18, 1897 M Oct. 27, 1897
DAVIES, JOHN E.	Professor of Physics, University of Wisconsin, 523 North Carroll St., Madison, Wis.	A Jan. 7, 1890 M Mar. 18, 1890
DAVIS, CHARLES H., *C. E.*,	Consulting and Constructing Engineer, 99 Cedar St., 576 Lexington Ave., New York City, and 308 Walnut St., Philadelphia, Pa.	A Mar. 18, 1890 M June 17, 1890

Name.	Address.	Date of Membership.
Davis, Minor M.	Ass't Electrician, Postal Telegraph-Cable Co., 253 Broadway, New York City.	A April 6, 1886 M May 16, 1893
Dawson, Philip	Associate and Chief Engineer with R. W. Blackwell, 39 Victoria St., Westminster, London, Eng.	A Sept. 25, 1895 M Feb. 17, 1897
Decker, Edward P.	Assistant Chief Engineer, Sprague Electric Co., 20 Broad St., New York City; residence, Van Pelt Manor, N. Y.	A Feb. 26, 1896 M Oct. 27, 1897
Delafield, A. Floyd, *Ph. D.*	Electrical Engineer, Noroton, Conn.	A May 7, 1889 M Oct. 1, 1889
Delany, Patrick Bernard	Inventor, South Orange N. J.	A April 19, 1884 M Nov. 24, 1891
Dickenson, Samuel S.	Sup't, Commercial Cable Co., Hazel-Hill, Guysborough Co., N. S.	A Mar. 6, 1888 M Oct. 1 1889
Diehl, Philip	Inventor, Singer Sewing Machine Co., 508 Morris Ave., Elizabeth, N. J.	A April 15, 1884 M Dec. 9, 1884
d'Infreville, Georges	Electrical Engineer and Expert, 10 Desbrosses St., New York City.	A Nov. 1, 1887 M Dec. 6, 1887
Dion, Alfred A.	General Supt., The Ottawa Electric Co., 72 Sparks St., Ottawa, Ont.	A Jan. 7, 1890 M Nov. 15, 1893
Doane, Samuel Everett	Sup't. Marlborough Electric Machine and Lamp Co., Marlborough, Mass.	A Aug. 6, 1889 M June 27, 1895
Dodge, Prof. Omenzo G.,	U. S. Navy, Navy Dep't, Washington, D. C.	A Sept. 20, 1893 M April 17, 1895
Doijer, H.	Consulting Electrical Engineer, 8 Choorstraat, Delft, Holland.	A Jan. 7, 1890 M Mar. 18, 1890
Dommerque, Franz J.	Chief Draughtsman, Chicago Telephone Co.; residence, 496 N. Robey St., Chicago, Ill.	A Oct. 17, 1894 M Mar. 25, 1896
Donner, William H.	Electrical Eng'g Dept. International Correspondence School, Scranton, Pa.	A Nov. 18, 1890 M Dec. 16, 1890
Dow, Alex	Manager, Edison Illuminating Co., Detroit, Mich.	A Sept. 20, 1893 M Dec. 18, 1895
Dudley, Charles B.	Chemist and Scientific Expert, Penn. R. R. Co., 1219 Twelfth Ave., Altoona, Pa.	A Oct. 1, 1889 M Nov. 12, 1889
Dunbar, F. W.	417 West 23d St., New York City.	A Dec. 21, 1892 M May 16, 1893
Duncan, Dr. Louis	(*Past-President*) Johns Hopkins University, residence, 139 E. North Ave., Baltimore, Md.	A July 12, 1887 M Sept. 6, 1887
Dunn, Gano Sillick	(*Manager.*) Chief Engineer, Crocker-Wheeler Electric Co., Ampere, E. Orange, N. J.; residence, 223 Central Park, West, New York City.	A April 21, 1891 M June 20, 1894
Dunston, Robt. Edward	General Manager, Saratoga Traction Company, Saratoga Springs, N. Y.	A Oct. 27, 1891 M Feb. 16, 1892

Name.	Address.	Date of Membership.
Dyer, R. N.	Patent Attorney, 31 Nassau St., New York City.	A July 12, 1887 M Sept. 6, 1887
Edison, Thomas A.	Mechanician and Inventor, Orange, N. J.	A April 15, 1884 M Oct. 21, 1884
Edgar, C. L.	General Manager and Chief Engineer, Edison Elec. Ill'm'g Co., 3 Head Place, Boston, Mass.	A Jan. 22, 1896 M May 19, 1896
Egger, Ernst	Electrical Engineer care of B. Egger & Co , X., Simmeringstr. 187, Vienna, Austria.	A Feb 21, 1893 M Mar. 21, 1894
Emery, Charles Edward	Consulting Engineer, 915 Bennett Building, cor. Fulton and Nassau Sts., New York City.	A June 26, 1891 M April 19, 1892
Emmet, W. L. R.	Electrical Engineer, General Electric Co., Schenectady, N. Y.	A June 6, 1893 M Jan. 17, 1894
Everest, Augustine R.	Electrical Engineer. General Electric Co., Lynn, Mass.	A May 19, 1891 M Dec. 20, 1893
Farnham, Isaiah H.	Electrical Engineer, N. E. Telephone & Telegraph Co., 125 Milk St., Boston, Mass.	A June 8, 1887 M July 12, 1887
Fessenden, Reginald A.	Professor of Electrical Engineering, Western University of Pennsylvania, Allegheny, Pa.	A Oct. 21, 1890 M Dec. 16, 1890
Field, C. J., *M. E.*	Consulting and Constructing Engineer, 30 Broad Street, New York City.	A June 8, 1887 M Nov. 1, 1887
Field, Henry George	Consulting Electrical Engineer, Field & Hinchman, 1203 Majestic Building, Detroit, Mich.	A April 22, 1896 M Dec. 16, 1896
Field, Stephen D.	Electrical Engineer, Stockbridge, Mass.	A April 15, 1884 M Oct. 21, 1884
Fish, Walter Clark	Manager Lynn Works, General Electric Co , Lynn, Mass.	A June 26, 1891 M Feb. 26, 1896
Fitzmaurice, James S.	Chief Engineer, The Electric Light Branch, 210 George St , Sydney, N. S. W.	A Sept. 20, 1893 M Mar. 21, 1894
Flack, J. Day	Supt. Home Ice Machine Co., 56 Pine St., New York City; residence, 80 Carlton St. East Orange, N. J.	A Dec. 6, 1887 M May 21, 1895
Fortenbaugh, S. B.	Asst. Prof. of Electrical Engineering, University of Wisconsin, Madison, Wis.	A April 17, 1895 M Dec. 16, 1896
Foster, Horatio A.	Electrical Engineer, Room 682, Ellicott Square, Buffalo.	A June 8, 1887 M Sept. 6, 1887
Foster, Samuel L.	Electrical Engineer, Market Street Railway Co. 19 Hobart Bldg.; residence, 3687 24th St., San Francisco, Cal.	A Feb. 26, 1896 M Nov. 18, 1896
Freeman, Dr. Frank L.	Attorney-at-Law, Solicitor of Patents, Electrical Expert, 931 F St., Washington, D. C.	A May 7, 1889 M Sept. 3, 1889

Name.	Address.	Date of Membership.
Freedman, William H.	Tutor in Electrical Engineering, School of Mines, Columbia University; residence, 157 W. 119th St., New York City.	A Mar. 18, 1890 M Dec. 18, 1895
Gale, Horace B.	Consulting and Contracting Electrical and Mechanical Engineer, Natick Mass.	A Nov. 15, 1892 M May 16, 1893
Gardanier, George W.	Assis't Electrical Engineer, Western Union Telegraph Co., 195 Broadway, New York City.	A April 18, 1893 M Jan. 22, 1896
Garratt, Allan V.	Chief Engineer, Lombard Waterwheel Governor Co., 61 Hampshire St., Boston, Mass.	A April 2, 1889 M May 7, 1889
Gerry, M. H., Jr.	Supt. of Motive Power, The Metropolitan West Side Elevated Railroad Co., 146 Throop St., Chicago, Ill., 3333 Cedar Ave., Minneapolis Minn.	A April 18, 1893 M Oct. 21, 1896
Geyer, Dr. Wm. E.	Stevens Institute of Technology, Hoboken, N. J.	A June 5, 1888 M Sept. 7, 1888
Gharky, William David	Electrician, Standard Telephone Co., 401 South Juniper St., residence, Hotel Lorraine, Philadelphia, Pa.	A May 21, 1895 M Feb. 26, 1896
Gibbs, Lucius T.	Manager and Chief Engineer, Gibbs Electric Co., Holworthy Chambers, 152 Madison Ave., New York City.	A Mar. 25, 1896 M Feb. 17, 1897
Gifford, Clarence E.	Electrical Engineer, Box, 292, Oil City, Pa.	A May 16, 1893 M Feb. 21, 1894
Gray, Dr. Elisha	Electrician and Inventor, Highland Park, Ill.	A Feb. 16, 1892 M May 17, 1892
Greene, S. Dana	Assistant General Manager, General Electric Co., Schenectady, N. Y.	A Sept. 20, 1893 M April 18, 1894
Gutmann, Ludwig	Electrical Engineer, 815 North Jefferson Ave., Peoria, Ill.	A Sept. 14, 1888 M Mar. 21, 1893
Hadaway, W. S., Jr.	Electric Heating Engineer, 107 Liberty St., New York City.	A Nov. 21, 1894 M Oct. 21, 1896
Hall, Clayton C.	Civil Engineer, 810 Park Ave., Baltimore, Md.	A April 15, 1884 M Oct. 21, 1884
Hall, John L.	Crocker & Wheeler Electric 14 South Broad St., Philadelphia, Pa. residence, 715 West 10th St., Wilmington, Del.	A Sept. 22, 1891 M Dec. 20, 1893
Hamblet, James	Manager Time Service, W. U. Tel. Co., 195 Broadway, P. O. Box 856, NewYork City; residence, 20 Sidney Place, Brooklyn, N. Y.	A Nov. 1, 1887 M Dec. 6, 1887
Hamilton, Geo. A.	(*Treasurer.*) Electrician, Western Electric Co., 57 Bethune St., New York; residence, 532 Morris Ave., Elizabeth, N. J.	A April 15, 1884 M Oct. 21, 1884

Name.	Address.	Date of Membership.
Hammer, Edwin W.	Electrical Engineer, 46 Second Ave., Newark, N. J.	A Nov. 18, 1896 M June 23, 1897
Hammer, William J.	Consulting and Supervising Electrical Engineer, 1305 Havemeyer Bldg, 26 Cortlandt St., New York City.	A June 8, 1887 M July 12, 1887
Harrington, Walter E.	Electric Railway Engineer, 307 Market St., Camden, N. J.	A Mar. 17, 1891 M May 19, 1896
Harrison, Russell B.	Pres. and Electrical Engnieer, Terre Haute Electric Railway Co., Terre Haute, Ind.	A Sept. 25, 1895 M April 22, 1896
Hartwell, Arthur	Manager Pittsburg Agency, Westinghouse Electric and Mfg. Co.; residence, 6804 McPherson St., Pittsburg, Pa.	A May 15, 1894 M Nov. 20, 1895
Haskins, Caryl D.	Electrical Engineer, General Electric Co., 180 Summer St., Boston, Mass.	A Mar. 18, 1890 M June 20, 1894
Haskins, Charles H.	Electrician, 70 Linwood Avenue, Buffalo, N. Y.	A April 15, 1884 M Oct. 21, 1884
Haskins, Clark Caryl	Electrical Engineer, 682a West Adams St., Chicago, Ill.	A Sept. 20, 1893 M Mar. 21, 1894
Hasson, W. F. C.	(*Manager.*) Firm of Hasson & Hunt, Consulting and Supervising Mechanical and Electrical Engineers, 310 Pine St., Telephone 5650, San Francisco, Cal.	A Mar. 18, 1890 M May 15, 1894
Hayes, Hammond V.	Electrician, American Bell Telephone Co., 42 Farnsworth St., So. Boston Mass.	A Nov. 12, 1889 M Mar. 18, 1890
Hayes, Harry E.	Asst. Electrician, American Telegraph and Telephone Co., 153 Cedar St., New York City.	A April 18, 1893 M Dec. 20, 1893
Haynes, F. T. J.	Divisional Telegraph Engineer, Great Western Railway; residence, Belmont Villa, Cheddon Road, Taunton, Eng.	A Dec. 6, 1886 M Jan. 3, 1887
Heath, Harry E.	Assistant Electrical Engineer, Eddy Electric Mfg. Co., Box 189, Windsor, Conn.	A Mar. 21, 1893 M Mar. 25, 1896
Heinrich, Richard O.	Electrical Engineer, The European Weston Electrical Instrument Co., 88 Ritterstrasse, Berlin, Germany.	A Oct. 1, 1889 M Oct. 25, 1892
Henshaw, Frederick V.	79 State St., Brooklyn, N Y.	A Feb. 5, 1889 M Nov. 20, 1895
Herdman, Frank E.	Mechanical and Electrical Engineer, Crane Elevator Co., Winnetka, Ill.	A Dec. 18, 1895 M Oct. 21, 1896
Hering, Carl [Life Member.]	(*Manager.*) Consulting Electrical Engineer, 929 Chestnut St.; residence 124 E. Mt. Pleasant Ave., Philadelphia, Pa.	A Jan. 3, 1888 M June 5, 1888
Hering, Hermann S.	Associate in Electrical Engineering, Johns Hopkins University, residence, 1809 Park Ave., Baltimore, Md.	A April 21, 1891 M April 18, 1893

Name.	Address.	Date of Membership.
Herrick, Charles H.	Superintendent Isolated, Lighting and Power Dep't., Edison Electric Illuminating Co., 3 Head Place, Boston; residence, 22 Herrick St., Winchester, Mass.	A April 21, 1891 M Jan. 17, 1893
Herzog, F. Benedict, *Ph. D.*	President, Herzog Teleseme Co., Townsend Building, Broadway and 25th St., New York City.	A May 24, 1887 M July 12 1887
Hewitt, Charles	Electrical Engineer, Union Traction Co., 820 Dauphin Street, Philadelphia, Pa.	A Sept. 16, 1890 M May 17, 1892
Hibbard, Angus S.	General Manager Chicago Telephone Co., 203 Washington St., Chicago, Ill.	A Nov. 24. 1891 M Feb. 16, 1892
Higgins, Edward E.	Editor, *Street Railway Journal*, 26 Cortlandt St., New York City.	A June 8, 1887 M July 12, 1887
Hix, E. Randolph	Hix, Hamilton & Co., Electrical Engineers and Contractors, 41 Wall St., New York City.	A Feb. 21, 1894 M Feb. 27, 1895
Holmes, Franklin S.	Electrical Engineer, 108 Fulton St., New York City; residence 445a Macon St., Brooklyn, N. Y.	A April 21, 1891 M June 20, 1894
Houston, Edwin J., *Ph.D.* [Life Member.]	(*Past President.*) Prof of Physics, Franklin Inst., Firm of Houston & Kennelly, 1105 Betz Bldg.; residence. 1809 Spring Garden St., Philadelphia, Pa.	A April 15, 1884 M Oct. 21, 1884
Howell, John W.	Electrician, 20 Chestnut St., Newark, N. J.	A July 12, 1887 M June 5, 1888
Howell, Wilson S.	Lamp Testing Bureau. Box, 114, Newark, N. J.; residence, 152 Prospect St , East Orange, N. J.	A Sept. 3, 1889 M Mar. 18. 1890
Humphrey, Henry H.	Consulting Electrical Engineer, Bryan & Humphrey, Turner Bldg. St. Louis, Mo.	A Dec. 16, 1896 M April 28, 1897
Hunter, Rudolph M.	Expert and Counsellor in Patent Causes, 926 Walnut St., Philadelphia, Pa.	A July 13, 1886 M May 17, 1887
Hunting, Fred S.	Chief Engineer, Engineering Department, Fort Wayne Electric Co., 8 Rockhill St., Fort Wayne, Ind.	A Nov. 15, 1892 M May 16, 1893
Hutchinson, Dr. Cary T.	(*Manager.*) Electrical Engineer, 253 Broadway, New York City.	A Feb. 7, 1890 M Dec. 16, 1890
Hyde, Jerome W.	Ass't Treasurer, The Springfield Steam Power Co., Wason Bldg. Springfield, Mass.	A June 8, 1887 M Nov. 1, 1887
Inrig, Alec Gavan	Globe Electrical Co., 44 White Post Lane, Victoria Park, London, Eng.	A Jan. 19, 1892 M May 17, 1892
Ives, Edward B.	Chief Engineer, Raritan Construction Co., 153 Bullitt Bldg., Philadelphia, Pa.	A April 2, 1889 M May 15, 1894
Jackson, Dugald C.	(*Vice-President.*) Professor of Electrical Engineering, University of Wisconsin, Madison, Wis.	A May 3, 1887 M June 17, 1890

Name.	Address.	Date of Membership.
Jackson, Francis E.	Aylsworth & Jackson, Incandescent Filament Manufacturers, 128 Essex Ave , Orange; residence, 61 South Grove St., East Orange, N. J.	A Jan. 3, 1888 M June 17, 1890
Jackson, Henry	Telegraph Supt. and Engineer, The Lancashire & Yorkshire Railway Co., Horwich, Bolton-le-Moors, Lancashire, England.	A Mar. 21, 1894 M Dec. 19, 1894
Jackson, John Price	Professor of Electrical Engineering, Penn. State College, State College, Pa.	A Sept. 27, 1892 M Jan. 17, 1894
Jannus, Frankland	Attorney-at-Law, Solicitor of Patents, 1022 Havemeyer Building, New York City.	A Nov. 12, 1889 M Mar. 18, 1890
Jehl, Francis	Lichtenauergasse 8, Brünn, Moravia, Austria.	A June 27, 1895 M Jan. 22, 1896
Jenks, W. J.	Secretary, Board of Patent Control, 120 Broadway, New York City.	A June 8, 1887 M Nov. 1, 1887
Johnston, A. Langstaff	Chief Engineer, Richmond Traction Co., 1112 E. Main St., Richmond, Va.	A April 21, 1891 M April 18, 1894
Jones, Francis Wiley [Life Member.]	Assistant Gen'l Manager and Electrician, Postal Telegraph-Cable Co., 253 Broadway, New York City.	A April 15, 1884 M Oct. 21, 1884
Keith, Dr. Nathaniel S.	Care R. W. Pope, Sec'y. 26 Cortlandt St., New York, N. Y.	A April 15, 1884 M Jan. 17, 1894
Kinsman, Frank E.	Electrical Engineer, 66 Broadway, New York City; residence, 836 Sherman Ave., Plainfield, N. J.	A Sept 27, 1892 M May 16, 1893
Knowles, Edward R. *E. E., C. E.*	150 Nassau Street, New York City; residence, 82 Cambridge Place, Brooklyn. N. Y.	A June 8, 1887 M July 12, 1887
Knudson, A. A.	Electrical Engineer, 66 Broadway, New York City; residence, 127 Prospect Place, Rutherford, N. J.	A Dec. 6, 1887 M Jan. 3, 1888
Lange, Philip A.	Superintendent Westinghouse Electric and Manufacturing Co., East Pittsburg, Pa.	A Mar. 6, 1888 M June 5, 1888
Langton, John	Electrical Engineer, Canada Life Building, Toronto, Ont., and 72 Trinity Place, New York, N. Y.	A Mar. 6, 1888 M June 5, 1888
La Roche, Fred. A.	President and General Manager, Ideal Electric Corporation, 652-660 Hudson Street; residence, 28 W. 25th St., New York.	A Sept. 19, 1894 M Nov. 20, 1895
Lattig, J. W.	Electrical Engineer, Supt. of Telegraph and Electrical Apparatus, Lehigh Valley R. R. Co., So. Bethlehem, Pa.; residence, 335 Broad St., West Bethlehem, Pa.	A June 8, 1887 M July 12, 1887

Name.	Address.	Date of Membership.
Lawson, A. J.	Electrical Engineer, The County of London and Brush Provincial Electric Lighting Co., Ltd., 49 Queen Victoria St., London, Eng.	A Mar. 18, 1890 M June 17, 1890
Lemp, Hermann, Jr.	Electrician, 186 Allen Avenue, Lynn, Mass.	A April 2, 1889 M Feb. 21, 1893
Leonard, H. Ward	Electrical Engineer, Pres't. Ward Leonard Electric Co, Bronxville, N. Y.; residence, 606 W. 114th St., New York City.	A July 12, 1887 M Sept. 6, 1887
Leslie, Edward Andrew	Vice-President and Manager, Manhattan Electric Light Co., Ltd., New York City; residence, 343 Hancock St., Brooklyn, N. Y.	A Jan. 16, 1895 M Feb. 17, 1897
Levis, Minford	Superintendent and Electrical Engineer, Novelty Electric Co., 54 North 4th St., Philadelphia, Pa.	A Feb. 21, 1893 M June 23, 1897
Lieb, John W., Jr.	(*Manager.*) General Mgr., Edison Electric Ill. Co.; Residence, 166 West 97th St., New York City.	A Sept. 6, 1887 M Nov. 1, 1887
Lighthipe, James A.	District Engineer, General Electric Co., 15 First St., San Francisco, Cal.	A Feb. 21, 1894 M April 17, 1895
Lloyd, Herbert	General Manager, Electrical Engineer and Chemist, The Electric Storage Battery Co., Drexel Bldg., Philadelphia, Pa.	A June 20, 1894 M May 21, 1895
Lloyd, John E.	Resident Engineer, South African Tramways Co., 93 Main St., Port Elizabeth, S. Africa.	A Jan. 22, 1896 M Mar. 25, 1896
Lloyd, Robert McA.	Electrician, 22 Broad St.; residence, 1 West 39th St., New York City.	A Oct. 21, 1890 M Nov. 15, 1893
Lockwood, Thomas D., [Life Member.]	*F. I. Inst.* Electrical Engineer, and Advisory Electrician, P.O. Drawer 2, Boston, Mass.	A April 15, 1884 M Oct. 21, 1884
Loomis, Osborn P.	Electrical and Consulting Engineer, Depew, N. Y.	A Sept. 16, 1890 M Dec. 16, 1896
Lorrain, James Grieve	Norfolk House, Norfolk St., London, W. C., England.	A May 16, 1891 M May 15, 1894
Lovejoy, J. R.	General Manager, Supply Dept., General Electric Co., Schenectady, N. Y.	A April 21, 1891 M Feb. 21, 1894
Macfarlane, Alexander,	*D. Sc., LL.D.* (*Manager.*) Professor in Electrical Engineering, Lehigh University, South Bethlehem, Pa.	A Jan. 19, 1892 M May 17, 1892
Mailloux, C. O.	Consulting Electrical Engineer, 150 Nassau St., Telephone 3985 Cortlandt, New York City.	A April 15, 1884 M Oct. 21, 1884
Mansfield, Arthur Newhall	Assistant Electrician, American Telephone and Telegraph Co., 153 Cedar St., New York City.	A Dec. 20, 1893 M June 20, 1894

Name.	Address.	Date of Membership.
MARKS, LOUIS B., *M. M. E.*	President. Marks Enclosed Arc Light Co, 689 Broadway; residence, 51 East 67th St., New York City.	A May 20, 1890 M Jan. 16, 1895
MARKS, WILLIAM DENNIS, *Ph.B. C. E.*	President, The American Electric Meter Co., 1014 Betz Building, Philadelphia, Pa.	A Feb. 7, 1888 M May 1, 1888
MARSHALL, J. T.	Metuchen, N. J.	A Oct. 1, 1889 M Nov. 12, 1889
MARTIN, JULIUS	Electrician, 16 Oak St., Newark, N. J., Master Electrician, Equipment Dept., New York Navy Yard.	A Oct. 21, 1890 M Nov. 20, 1895
MARVIN, HARRY N.	Electrical Engineer and Manager, Marvin Electric Drill Co., Canastota, N. Y.	A April 19, 1892 M Jan. 17, 1893
MAVER, WILLIAM, JR.	Electrical Expert and Consulting Electrical Eng'r, 27 Thames St., New York City; residence, 227 Arlington Ave. Jersey City, N. J.	A July 12, 1887 M April 21, 1891
MAYER, GEORGE M.	Enterprise Block, 5th Floor, 79 Fifth Ave., Chicago, Ill.	A Dec. 16, 1890 M June 20, 1894
MAYNARD, GEO. C.	Electrical Engineer, 800 H. St., N. W., Washington, D. C.	A April 15, 1884 M Dec. 9, 1888
McCAY, H. KENT	Electrical Engineer and Contractor, 106 E. German St., Baltimore, Md.	A Sept. 16, 1890 M May 19, 1891
McCLUER, C. E.	Superintendent, First District, So. Bell Telephone and Telegraph Co., P. O. Box 32, Richmond, Va.	A Mar. 21, 1893 M Jan. 17, 1894
McCROSKY, JAMES W.	Chief Engineer, La Capital Tramway Co. and Compaina de Luz y Fuerza Motriz de Cordoba, Reconquista 20, Buenos Aires, Argentina.	A Dec. 20, 1893 M Dec. 16, 1896
McCROSSAN, J. A.	Manager and Electrician, Citizens' Telephone and Electric Co., Rat Portage, Ont.	A Oct. 18, 1893 M Dec. 18, 1895
McMEEN, SAMUEL G.	Engineer, Central Union Telephone Co., 1306 Ashland Block, Chicago, Ill.	A Dec. 18, 1895 M Dec. 16, 1896
MERSHON, RALPH D.	Chief Engineer, Colorado Electric Power Co., Colorado Springs, Col.	A Mar. 20, 1895 M Jan. 22, 1896
MILLIS, JOHN	Captain of Engineers U. S. A., The Lighthouse Board, Washington, D. C.	A July 7, 1884 M Mar. 3, 1885
MITCHELL, JAMES	Constructing Engineer and Agent, General Electric Co., Caixa do Correio No. 954, Rio de Janeiro, Brazil.	A Sept. 25, 1895 M Mar. 25, 1896
MIX, EDGAR W.	Electrician, 12 Boulevard des Invalides, Paris, France.	A Sept. 3, 1889 M Mar. 20, 1895
MOLERA, E. J.	Civil Engineer, 606 Clay St., San Francisco, Cal.	A Jan. 16, 1892 M June 7, 1892

Name.	Address.	Date of Membership.
MOORE, D. MCFARLAN	Inventor, Moore Electrical Co., 52 Lawrence St., Newark, N. J.	A Dec. 20, 1893 M June 20, 1894
MORROW, JOHN THOMAS	Supt. Electrolytic Plant, Boston and Montana Consolidated Copper and Silver Mining Co., Great Falls, Mont.	A Dec. 21, 1892 M April 18, 1894
NEILER, SAMUEL G.	Ass't Electrical Engineer, Pierce & Richardson, 1409 Manhattan Building, Chicago, Ill.	A April 18, 1894 M Dec. 18, 1895
NICHOLS, DR. EDWARD L.	Professor of Physics, Cornell University, Ithaca, N. Y.	A Oct. 4, 1887 M Dec. 6, 1887
NICHOLS, GEO P.	Partner, Geo. P. Nichols & Bro., Elec. Engineers and Contractors, 1036 Monadnock Bldg., Chicago, Ill.	A Jan. 22, 1896 M Nov. 18, 1896
NOLL, AUGUSTUS	Contracting Electrical Engineer, 8 East 17th St., Telephone, 62, 18th; New York City.	A Sept. 27, 1892 M April 18, 1893
NUNN, PAUL N.	Consulting Engineer, San Miguel Cons. Gold Mining Co., Telluride, Colo.	A April 17, 1895 M Feb. 26, 1895
O'CONNELL, JOSEPH J.	Telephone Engineer, Chicago Telephone Co., Residence, 76 Eugene St., Chicago, Ill.	A Oct. 17, 1894 M Nov. 20, 1895
O'DEA, MICHAEL TORPEY	Professor of Applied Electricity, University of Notre Dame, Notre Dame, Ind.	A June 8, 1887 M Mar 25, 1896
OUDIN, MAURICE	Electrical Engineer, General Electric Co., Schenectady, N. Y.	A June 20, 1894 M Nov. 20, 1895
OWENS, ROBERT BOWIE	Professor of Electrical Engineering, University of Nebraska, Lincoln, Neb.	A June 17, 1890 M Dec. 15, 1897
PAINE, F. B. H.	Westinghouse Electric and Mfg. Co., 328 Exchange Building, Boston, Mass.	A Dec. 16, 1890 M Nov. 25, 1891
PAINE, SIDNEY B.	General Electric Co., 180 Summer St., Boston, Mass.	A June 8, 1887 M Nov. 1, 1887
PARKER, LEE HAMILTON	Ass't Engineer, Railway Dept., General Electric Co., Schenectady, N. Y.	A Aug. 5, 1895 M Dec. 16, 1896
PARKS, C. WELLMAN	Civil Engineer, U. S. N., Norfolk Navy Yard, Va.	A July 12, 1887 M May 1, 1888
PARSHALL, HORACE FIELD	Electrical Engineer, British Thomson-Houston, Ltd., 38 Parliament St., Westminster, London, Eng.	A Sept. 7, 1888 M Mar. 18, 1890
PATTISON, FRANK A.	Firm of Pattison Bros, Consulting and Constructing Electrical Engineers, 136 Liberty St., New York City.	A Sept. 22, 1891 M Dec. 16, 1891
PEARSON, F. S.	Engineer, Room 841, 621 Broadway, New York City.	A Oct. 25, 1892 M Feb. 21, 1893
PEROT, L. KNOWLES	Vice-President and Manager, Schuylkill Valley Illuminating Co., Phœnixville, Pa.	A Mar. 15, 1892 M Dec. 18, 1895

Name.	Address.	Date of Membership.
Perrine, Frederic A. C., *D. Sc.*	Professor of Electrical Engineering, Leland Stanford, Jr., University, Palo Alto, Cal.	A Sept. 16, 1890 M Dec. 16, 1890
Perry, Nelson W., *E. M.*,	Engineer, Westinghouse, Church Kerr and Co., Westinghouse Machine Co., 604 Havemeyer Bldg.; residence, Brighton Heights, Staten Island, N. Y.	A May 17, 1892 M Mar. 21, 1893
Pickernell, F. A.	(*Manager.*) Chief Engineer, Amer. Tel. & Tel. Co., 153 Cedar St., New York City.	A Feb. 7, 1890 M Mar. 18, 1890
Pierce, Richard H.	Pierce & Richardson, Electrical Engineers, 1409 and 1410 Manhattan Bldg., Chicago; residence, 5434 Monroe Ave., Hyde Park, Ill.	A April 18, 1893 M Dec. 20, 1893
Pike, Clayton W., *B. S.*	Electrical Engineer, Falkenau Engineering Co., 711 Reading Terminal, Philadelphia, Pa.	A Dec. 16, 1891 M Oct. 25, 1892
Porter, Joseph F.	Manager, Alton Railway and Illuminating Co., Alton, Ill.	A Sept. 6, 1887 M Nov. 1, 1887
Potter, Wm. Bancroft,	Engineer Railway Dept., General Electric Co., Schenectady, N. Y.	A Jan. 22, 1896 M Mar. 25, 1896
Powell, William H.	[Address unknown.]	A June 17, 1890 M Mar. 20, 1893
Pratt, Robert J.	Greenbush, N. Y.	A July 12, 1887 M Sept. 6, 1887
Puffer, Wm. L.	(*Manager.*) Assistant Professor of Electrical Engineering, Mass. Institute of Technology, Boston; residence, West Newton, Mass.	A Dec. 20, 1893 M April 17, 1895
Rae, Frank B.	Electrical Engineer, 1109 Fort Dearborn Bldg., 134 Monroe St., Chicago, Ill.	A April 15, 1884 M Oct. 25, 1892
Reber, Samuel	Lieut. Signal Corps, U. S. Army, Headquarters Dept. of Texas, San Antonio, Tex.	A Sept. 20, 1893 M Jan. 22, 1896
Reckenzaun, Frederick,	Electrical Engineer, 44 Pine St., New York City.	A Mar. 6, 1888 M June 5, 1888
Reist, Henry G.	Designing Engineer, General Electric Co., 5 South Church St., Schenectady, N. Y.	A June 17, 1890 M Dec, 19, 1894
Rice, Calvin Winsor	Supt. Electrical Dep't., Anaconda Copper Mining Co., 602 Locust St, Anaconda, Mont.	A Jan. 20, 1897 M April 28, 1897
Rice, E. Wilbur, Jr.	Technical Director, The General Electric Co., Schenectady, N. Y.	A Dec. 6, 1887 M Jan. 3, 1888
Ries, Elias E.	Electrical Engineer and Inventor, 1031 Temple Court; residence, 4 W. 115th St., New York City.	A July 12, 1887 M Sept. 6, 1887
Riker, Andrew L. [Life Member.]	Electrical Engineer, The Riker Electric Motor Co., 45 York St., Brooklyn; residence, Stamford, Conn.	A Nov. 1, 1887 M Dec. 18, 1895

Name.	Address.	Date of Membership.
ROBB, WM. LISPENARD	Professor of Physics, Trinity College, Hartford, Conn.	A Dec. 16, 1891 M Mar. 15, 1892
ROBERTS, E. P.	E. P. Roberts & Co., Electrical and Mechanical Engineers, Brainard Block, Telephone 2656, Cleveland, O.	A Jan. 6, 1885 M Feb. 3, 1885
RODGERS, HOWARD S.	Electrical Engineer, care General Electric Co., 264 W. 4th Street, Cincinnati, O.	A Sept. 27, 1892 M May 16, 1893
ROHRER, ALBERT L.	Electrical Engineer, with General Electric Co., Schenectady, N. Y.	A Nov. 1, 1887 M May 1, 1888
ROLLER, JOHN E.	Lieut. U. S. N., in charge of Inspection and Installation, U. S. Navy Yard, New York; residence, Cranford, N. J.	A Sept. 19, 1894 M May 19, 1896
ROBB, RUSSELL	With Stone & Webster, 4 P. O. Square, Boston, Mass.	A Oct. 18, 1893 M May 21, 1895
ROSS, NORMAN	General Superintendent, Bullock Electric Mfg. Co., Cincinnati, O.	A Sept 20, 1893 M Nov. 21, 1894
ROSS, ROBERT A.	Mechanical and Electrical Consulting Engineer, 17 St. John St., Montreal, P. Q.	A Sept. 27, 1892 M April 18, 1893
ROUQUETTE, WILLIAM F. B.	Proprietor, Rouquette & Co., 47 Dey St., New York City.	A Mar. 21, 1894 M Dec. 19, 1894
RYAN, HARRIS, J.	(*Vice-President.*) Professor of Electrical Engineering, Cornell University, Ithaca, N. Y.	A Oct. 4, 1887 M April 17, 1895
SACHS, JOSEPH	Devising and Consulting Electrical Engineer, 32 Nassau St., New York City.	A Mar. 15, 1892 M Dec. 15, 1897
SALOMONS, *Sir* DAVID LIONEL, *Bart. M. A.*, [Life Member].	Engineer and Barrister, Broomhill, Tunbridge Wells, Kent, and 49 Grosvenor St., London, W. England.	A Feb. 7, 1888 M May 1, 1888
SAMPSON, F. D.	Manager, Charlotte Electric Light and Power Co., Charlotte, N. C.	A Aug. 5, 1896 M Oct. 27, 1897
SANDS, H. S.	Consulting and Constructing Electrical Engineer, Peabody Building, Wheeling, W. Va.	A Feb. 21, 1893 M Nov. 21, 1894
SARGENT, WILLIAM D.	General Manager, N. Y. & N. J. Tel. Co., 16 Smith St., Brooklyn, N. Y.	A April 15, 1884 M Feb. 21, 1894
SCHEFFLER, FRED. A.	General Factory Manager, Sprague Electric Co., Bloomfield, N. J.; residence, Passaic, N. J.	A May 16, 1893 M Jan. 26, 1896
SCHMID, ALBERT	Superintendent, Westinghouse Electric and Mfg. Co., Pittsburg, Pa.	A Oct. 21, 1890 M April 17, 1895
SCHOEN, A. M.	Electrician, South Eastern Tariff Association, Norcross Building, Atlanta, Ga.	A Sept. 20, 1893 M Dec. 16, 1896
SCOTT, CHARLES F.	(*Manager.*) Chief Electrician, Westinghouse Electric and Mfg. Co., Pittsburg, Pa.	A April 19, 1892 M Jan. 17, 1893

Name.	Address.	Date of Membership.
Sever, George F.	Instructor in Electrical Engineering, Columbia University, New York City.	A Jan. 17, 1894 M May 19, 1896
Shaw, Edwin C.	Manager, Akron General Electric Co., Akron, O.	A May 17, 1892 M Feb. 27, 1895
Shea, Daniel W.	Professor of Physics, Catholic University of America, Washington, D. C.	A Dec. 20, 1893 M June 20, 1894
Sheble, Franklin	Electrical Engineer, 1026 Filbert St., Philadelphia, Pa.	A Oct. 21, 1890 M Dec. 18, 1895
Sheldon, Samuel, *A. M., Ph.D.*	Professor of Physics and Electrical Engineering, Polytechnic Institute, 198½ Schermerhorn, St., Brooklyn, N. Y.	A Dec. 16, 1890 M Oct. 27, 1891
Shepardson, George D.	Professor of Electrical Engineering, University of Minnesota, Minneapolis, Minn.	A April 21, 1891 M Jan. 22, 1896
Sinclair, H. A.	Electrical Engineer, The Tucker Electric Co., 950 Bedford Ave., Brooklyn, N. Y.	A June 17, 1890 M Feb. 26, 1896
Smith, Frank Stuart	Supt. Lamp Factory, Sawyer-Man Electric Co., Pittsburg, Pa.	A Sept. 27, 1892 M April 18, 1893
Smith, Jesse M.	Expert in Patent Causes, Consulting Electrical and Mechanical Engineer, 36 Moffat Block, Detroit, Mich.	A April 15, 1884 M June 26, 1891
Smith, T. Carpenter	Mechanical and Electrical Engineer, 212 Drexel Building, Philadelphia, Pa.	A Oct. 27, 1891 M Dec. 16, 1891
Spaulding, Hollon C.	Electrical Engineer, Manager, N. E. Office, Manhattan General Construction Co., 611 John Hancock Bldg., Boston, Mass.	A April 21, 1891 M June 20, 1894
Sperry, Elmer A.	Electrical Engineer, Sperry Electric Railway Co., Mason and Belden Sts., Cleveland, O.	A April 19, 1892 M Feb. 21, 1893
Sprague, Frank J.	(*Past-President.*) Vice-Prest. Sprague Electric Elevator Co., Postal Telegraph Bldg., 22 Broad St., and 182 West End Ave., New York City.	A May 24, 1887 M Feb. 17, 1897
Standford, William	Asst. Supt. Telegraphs, Colonial Govt., Cape Town, Cape of Good Hope, Africa.	A Oct. 4, 1887 M Dec. 6, 1887
Stearns, Charles K. *E.E.*	Room 15, 116 Bedford Street, and 85 Westland Avenue, Boston, Mass.	A Aug. 6, 1889 M May 16, 1893
Stearns, Joel W., Jr.	Treasurer, Mountain Electric Co., Box 1545, Denver, Col.	A June 20, 1894 M Nov. 20, 1895
Stebbins, Theodore	Engineer of Committee on Local Companies, General Electric Co., Schenectady, N. Y.	A July 9, 1889 M June 17, 1890

Name.	Address.	Date of Membership.
Steinmetz, Charles P.	(*Vice-President*) Electrician, General Electric Co., Schenectady, N. Y.	A Mar. 18, 1890 M April 21, 1891
Stephens, George	General Supt., Canadian General Electric Co., Ltd., Peterboro, Ont.	A June 20, 1894 M Dec. 18, 1895
Stieringer, Luther	Electrical Expert, Beard Building, 120 Liberty St., New York City.	A June 8, 1887 M Nov. 1, 1887
Stillwell, Lewis B.	(*Manager.*) Electrical Director, Niagara Falls Power Company, and the Cataract Construction Co., Niagara Falls, N. Y.	A April 19, 1892 M Nov. 15, 1892
Stott, Henry G.	Electrical Engineer, Buffalo Gen'l Electric Co., Buffalo, N. Y.	A Sept. 25, 1895 M April 22, 1806
Taintor, Giles	Division Sup't. Western Division New England Telephone and Telegraph Co., Springfield, Mass.	A June 26, 1891 M Dec. 16, 1891
Taltavall, Thos. R.	Editor, *Electrical World*, 253 Broadway, New York City.	A Jan. 20, 1891 M Oct. 27, 1891
Terry, Charles A.	Lawyer, Westinghouse Electric and Mfg. Co., 120 Broadway, New York City.	A April 5, 1887 M May 17, 1887
Thomas, Benjamin F., *Ph. D.*	Professor of Physics, Ohio State University, Columbus, O.	A June 7, 1892 M Nov. 15, 1892
Thomson, Prof. Elihu	(*Past President*). Electrician, General Electric, and Thomson Electric Welding Companies, Lynn, Mass	A April 15, 1884 M April 21, 1891
Thompson, Edward P.	Consulting Electrician and Patent Attorney in Electrical Cases, 5 Beekman St., New York City.	A April 15, 1884 M Dec. 3, 1889
Thurnauer, Ernst	Manager, Thomson-Houston International Elec. Co., 27 Rue de Londres, Paris, France.	A Oct. 14, 1887 M Dec. 6, 1887
Tischendoerfer, F. W.	Electrical Engineer, Schückert & Co., Nuremberg, Germany.	A April 19, 1892 M Nov. 21, 1894
Trafford, Edward W.	Electrical Engineer, Richmond Railway and Electric Co., Foot of 7th St., Richmond, Va.	A Feb. 21, 1894 M Dec. 19, 1894
Turner, William S.	Consulting and Constructing Electrical and Mechanical Engineer, 1 Nassau St., New York City.	A Dec. 7, 1886 M Oct. 2, 1888
Uebelacker, Chas. F.	Electrical Engineer, Consolidated Traction Co., 30 North 11th St., Newark, N. J.	A Feb. 7, 1890 M Nov. 15, 1893
Uhlenhaut, Fritz, Jr.	Philadelphia Traction Co., 4101 Haverford St., Philadelphia, Pa.	A May 7, 1889 M Dec. 19, 1894
Upton, Francis R	Edison Laboratory, Orange, N. J.	A May 17, 1887 M Mar. 15, 1892
Vail, J. H	Engineer-in-Chief, Penn. Heat, Light and Power Co., and Edison Electric Light Co., 909 Walnut St., Philadelphia, Pa.	A June 8, 1887 M Nov. 1, 1887

Name.	Address.	Date of Membership.
Vansize, William B.	Solicitor of Patents and Expert, 253 Broadway; residence, Hotel Grenoble, New York City.	A April 15, 1884 M Oct. 21, 1884
Van Trump, C. Reginald	Engineer and Manager, Wilmington City Electric Co., Wilmington, Del.	A Feb. 5, 1886 M Feb. 21, 1894
Waddell, Montgomery	Consulting Engineer, 72 Trinity Place, New York City.	A Feb. 7, 1888 M May 1, 1888
Wait, Henry H.	Assistant Electrical Engineer, Western Electric Co., 4919 Madison Ave., Chicago, Ill.	A Sept. 20, 1893 M June 20, 1894
Waldo, Dr. Leonard	Electrical Engineer, Secretary, The Waldo Foundry, 57 Coleman St., Bridgeport, Conn.	A June 5, 1888 M Dec. 4, 1888
Walker, Sydney F.	Electrical Engineer, 195 Severn Road, Cardiff, Wales.	A June 2, 1885 M May 17, 1887
Waring, John	Ovid, N. Y.	A Dec. 16, 1890 M April 17, 1895
Warner, Ernest P.	Electrical Engineer, Western Electric Co.; residence, 402 Belden Ave., Chicago, Ill.	A Sept. 20, 1893 M June 20, 1894
Waterman, F. N.	Electrical Engineer, Westinghouse Electric and Mfg. Co., 120 Broadway, New York City.	A Feb. 21, 1893 M June 20, 1894
Weaver, W. D.	Editor *American Electrician*, 7 West 26th Street, New York City.	A May 17, 1887 M May 17, 1887
Webb, Herbert Laws	(*Manager*) 18 Cortlandt St.; residence, 253 West 42d St., New York City.	A Oct. 21, 1890 M Dec. 16, 1890
Weeks, Edwin R.	706 Wall St., Kansas City, Mo.	A Sept. 6, 1887 M Nov. 1, 1887
Weller, Harry W.	Electrical Engineer, Room 206, Equitable Building, Boston, Mass.	A Oct. 21, 1890 M Nov. 24, 1891
Weston, Edward	(*Past President.*) Vice-President, Weston Electrical Instrument Co., 120 William St., and 645 High St., Newark, N. J.	A April 15, 1884 M Oct. 21, 1884
Wetzler, Joseph	Editor *The Electrical Engineer*, 120 Liberty St., New York City.	A April 15, 1884 M Dec. 9, 1884
Wharton, Chas. J.	82 Bond St., London, Eng.	A Jan. 3, 1888 M May 1, 1888
Wheeler, Schuyler Skaats, *Sc.D.* [Life Member.]	President, Crocker-Wheeler Electric Co., 39 Cortlandt St., N. Y., and Ampere, N. J.; residence 4 West 33d St., New York City.	A June 2, 1885 M Sept. 1, 1885
White-Fraser, Geo.	*Mem. Can Soc. C. E.*; 18 Imperial Loan Building, Toronto, Ont.	A Sept. 22, 1891 M Dec. 18, 1895
Wiener, Alfred E.	Electrical and Mechanical Engineer; residence, 208 Liberty St., Schenectady, N. Y.	A May 16, 1893 M May 15, 1894
Wilcox, Norman T.	Sup't Chattanooga Light and Power Co., Chattanooga, Tenn.	A May 21, 1895 M Jan. 22, 1896

Name.	Address.	Date of Membership.
Wilkes, Gilbert	Consulting Electrical Engineer, 1112 Union Trust Building, Detroit, Mich.	A Jan. 7, 1890 M Mar. 18, 1890
Willyoung, Elmer G.	E. G. Willyoung & Co., Scientific Instruments and Apparatus, 938 Market St., Philadelphia.	A Nov. 24, 1891 M Dec. 20, 1893
Wilson, Charles H.	General Manager, Southern Bell Telephone Co., 26 Cortlandt St., New York City.	A Nov. 24, 1891 M Feb. 16, 1892
Wilson, Fremont	Electrician, 66 Maiden Lane, (Telephone, 1651 Cortlandt) and 2153 Seventh Ave., New York City.	A Mar. 6, 1888 M June 5, 1888
Wilson, Harry C.	Supt. of P. O. Telegraph with the Government, Kingston, Jamaica, West Indies.	A Jan. 19, 1891 M June 7, 1892
Winchester, A. E.	Consulting Engineer and Designer of Electric Systems, South Norwalk, Conn.	A June 8, 1887 M Nov. 1, 1887
Winslow, George Herbert	Consulting Electrical Engineer, 82 & 83 Schmidt Building, 339 Fifth Ave., Pittsburgh, Pa.	A April 17, 1895 M Feb. 26, 1896
Wirt, Charles	Consulting Engineer, 1028 Filbert St., Philadelphia, Pa.	A Sept. 8, 1888 M June 20, 1894
Wolcott, Townsend	Electrician, 455 Bowling Green Building, New York City.	A Mar. 6, 1888 M Dec. 16, 1890
Wolverton, B. C.	Electrician, N. Y. & Pa. Telephone and Telegraph Co., Elmira, N. Y.	A Mar. 18, 1890 M Feb. 21, 1895
Wright, Peter	General Superintendent, People's Electric Light and Power Co., 36 Mechanic St., Newark, N. J.	A May 16, 1889 M Jan. 16, 1895
Wurts, Alexander Jay	Westinghouse Electric & Mfg. Co., Pittsburg, Pa.	A April 19, 1892 M Nov. 15, 1892
Young, C. Griffith	Electrical Engineer, White-Crosby Co., 706 Equitable Building., Baltimore, Md.	A Jan. 3, 1889 M April 21, 1891

Members, - - - 350.

ASSOCIATE MEMBERS.

Name.	Address.	Date of Election.
ABBOTT, HENRY	President, Calculagraph Co., 2 Maiden Lane, N. Y.; residence, 32 So. Clinton St., East Orange, N. J.	Apr. 28, 1897
ABELLA, JUAN	Director General of Public Lighting, Buenos Aires; residence, 691 Calle Bolivar, Buenos Aires, Argentine Republic.	Aug. 5, 1896
ADAE, CHAS. FLAMEN	Room 24, 111 Broadway, P. O. Box, 2809; New York City	Dec. 16, 1896
ADAMS, COMFORT A., JR.	Assistant Professor of Electrical Engineering, Harvard University, 13 Farrar St., Cambridge, Mass.	Jan. 17, 1894
ADAMSON, DANIEL	Manager Joseph Adamson & Co., Hyde, Cheshire, England.	Feb. 26, 1896
AGNEW, CORNELIUS R.	Electrical Engineer, 150 Nassau St., 23 West 39th St., New York City.	Mar. 21, 1894
ALBANESE, G. SACCO	Electrical Expert, Compagnie Francaise Thomson-Houston, Mustapha, Algeria.	Sept. 20, 1893
ALBERT, HENRY	Electrical Engineer, 815 Main St., Jacksonville, Fla.	Feb. 21, 1893
ALDEN, JAMES S.	Assistant Manager, with L. H. Alden, 486 River Drive, Passaic, N. J.	May 19, 1891
ALDRICH, WILLIAM S.	Professor of Mechanical Engineering and Director Mechanical Arts, West Virginia University, P. O. Box 256, Morgantown, W. Va.	Mar. 15, 1892
ALEXANDER, HARRY	Electrical Engineer, General Manager and Vice Prest. Alexander-Chamberlain Electric Co., 56 West 22d St., and 348 W. 145th St., New York City.	April 21, 1891
ANDERSON, HENRY S.	General Manager and Electrician, United Electric Light Co., Springfield, Mass.	Jan. 16, 1895
ANDREWS, WILLIAM, C.	Electrical Engineer, 26 South Aurora St., Ithaca, N. Y.	May 21, 1895
ANSON, FRANKLIN ROBERT	Receiver, Salem Consolidated Street Railway Co., Salem, Ore.	Feb. 27, 1895
ANTHONY, WATSON G.	Electrician, 32½ Webster St., Newark, N. J.	Feb. 24, 1891
APPLEYARD, ARTHUR E.	Manager and Engineer, Natick Gas and Electric Co., Natick, Mass.	Aug. 5, 1896
ARCHBOLD, WM. K.	Westinghouse Electric and Mfg. Co. 120 Broadway, New York City.	June 20, 1894
ARCHER, GEO. F.	Electrical Engineer, 31 Burling Slip, New York City.	Nov. 21, 1894
ARMSTRONG, CHAS. G.	Electrical Expert, 1306 Great Northern Hotel Building, Chicago, Ill.	Sept. 27, 1892
ASHLEY, FRANK M.	Master Mechanic, Ashley Engineering Works, 69 Beekman St., New York.	Nov. 21, 1894

Name.	Address.	Date of Election.
Atkins, Harold B.	Engineer, A. K. Warren & Co., 451 Greenwich St., New York City; residence, Roselle, N. J.	June 23, 1897
Atwood, George F.	Orange, N. J.	Sept. 16, 1890
Austin, Sydney B.	New York Telephone Co., 55 Franklin Street, New York.	Sept. 25, 1895
Auerbacher, Louis J.	Auerbacher & Venino, Electrical Engineers and Contractors, 317 Market St., Newark, N. J.	Sept. 20, 1893
Babcock, Clifford D.	[Address unknown.]	Feb. 21, 1894
Badeau, Isaac F.	Assistant to the Engineer, New York Telephone Co.; residence, 244 Clinton St., Brooklyn, N. Y.	Feb. 26, 1896
Baldwin, Alfred De V.	Selling Agent, Crocker-Wheeler Electric Co , P. O. Box, 267; residence, 708 W. 85 St., New York.	Aug. 13, 1897
Balcome, Herbert A.	With The B. F. Sturtevant Co., Jamaica Plain Station, Mass.	Oct. 27, 1897
Baldwin, Jas. C. T.	Superintendent Bell Telephone Co., of Mo.; 10th and Olive Sts., St. Louis, Mo.	April 17, 1895
Ball, Wm. D.	Consulting Electrical Engineer, W. D. Ball & Co , 1625 Monadnock Block, Chicago, Ill.	Nov. 20, 1895
Balsley, Abe	Chief Electrician, Terre Haute Electric Railway Co., 514 No. 6½ Street, Terre Haute, Ind.	Oct. 27, 1897
Bancroft, Chas. F.	Electrical Engineer, Lowell and Suburban Street Railway, Lowell, Mass.	Dec. 18, 1895
Banks, William C.	Electrician, Gordon-Burnham Battery Co., 82 West Broadway, New York City.	May 18, 1897
Barbour, Fred Fiske	Manager, Power and Mining Department, Pacific District, General Electric Co., 15 First St., San Francisco, Cal., and 1673 Valdez St., Oakland, Cal.	May 16, 1893
Barnes, Chas. R.	City Electrician and Electrical Expert to State R. R. Commission, Rochester, N. Y.	Aug. 13, 1897
Barnes, Edward A.	Electrical Expert, Fort Wayne Electric Co., Fort Wayne, Ind.	Sept. 20, 1893
Barry, David	Electrician and Superintendent, Amherst Gas Co., Amherst, Mass.	Aug. 5, 1896
Barstow, William S.	General Supt., Edison Electric Illuminating Co., 360 Pearl St., Brooklyn, N. Y.	Feb. 21, 1894
Barton, Enos M.	President Western Electric Co., 227 South Clinton St., Chicago, Ill.	July 12, 1887
Bates, Frederick C.	Electrical Engineer, General Electric Co., 44 Broad St., New York City.	Jan. 20, 1891

Name.	Address.	Date of Election.
BATES, PUTNAM A.	Student, Columbia University; residence, 113 West 72d St., New York City	Jan. 20, 1897
BEAMES, CLARE F.	Ingeniero, Mexican General Electric Co , Apartado 403, City of Mexico.	May 21, 1895
BEATTIE, JOHN, JR.	Manager and Superintendent, The Beattie Battery, Zinc and Electric Co., Fall River, Mass	Sept. 6, 1887
BECHTEL, ERNEST J.	Superintendent, Power Plant, Toledo Traction Co. Toledo, O.	Mar. 24, 1897
BELL, ORA A.	Electrical Engineer, Western Electric Co., 22 Thames St., New York; residence, 921 St. Nicholas Ave., New York.	Aug. 5, 1896
BENNETT, EDWIN H., JR.	Electrician and Engineer, Diehl & Co., Elizabethport, N. J., and 19 West 33d St., Bayonne, N. J.	June 20, 1894
BENNETT, JOHN C.	Electrician, General Electric Co., 44 Broad St., New York City.	Mar. 18, 1890
BENOLIEL, SOL. D., *B. S.*, *E. E.*, *A. M.*	Consulting and Contracting Electrical Engineer, 103 East 62nd Street, New York City	Oct. 21, 1896
BENTLEY, MERTON H.	Chicago Telephone Co.; residence, 221 Scoville Ave., Oak Park, Ill.	Oct. 18, 1893
BERG, ERNST JULIUS	Engineer, General Electric Co.; residence, 53 Washington Ave., Schenectady, N. Y.	Sept. 19, 1894
BERG, ESKIL	Electrical Engineer, Gen'l Electric Co., Schenectady, N. Y.	Nov. 20, 1895
BERGHOLTZ, HERMAN	Secretary and Treasurer, Ithaca Street Railway Co., Ithaca, N. Y.	April 2, 1889
BERLINER, EMILE	Inventor, Columbia Road, between Fourteenth and Fifteenth Sts., Washington, D. C.	April 15, 1884
BERRESFORD, ARTHUR W., *B. S.*, *M. E.*	Electrician, Ward Leonard Electric Co., Bronxville, N. Y.	May 15, 1894
BEST, A. T.	Electrical Engineer, Florida East Coast Hotel System, St. Augustine, Fla.	April 19, 1894
BETHELL, U. N.	General Manager, The New York Telephone Co., 18 Cortlandt St., New York City.	Jan. 17, 1894
BETTS, HOBART D.	Member of Inspection Dept., The Edison Elec. Ill'm'g Co. of N. Y.; residence, Englewood, N. J.	Aug. 5, 1896
BETTS, PHILANDER 3d	Electrician, U. S. Navy Yard, Washington, D. C.	Mar. 25, 1896
BIDDLE, JAMES G.	Drexel Bldg., Philadelphia, Pa.; residence, 264 Rittenhouse St., Germantown, Pa.	Aug. 5, 1896
BIJUR, JOSEPH, *A. B.*, *E. E.* [Life Member.]	172 West 75th St., New York City.	May 15, 1894

Name.	Address.	Date of Election.
Black, Chas N.	Walker Company, 140 Winchester Ave., New Haven, Ct.	April 19, 1890
Black, Howard D.	Salesman, Blackall & Baldwin, 7 West 19th St.; P. O. Box, 267, New York, N. Y	Sept. 15, 1897
Blackall, Frederick, S.	Selling Agent, Crocker-Wheeler Electric Co , P. O. Box, 267 New York ; residence, Roselle, N. J.	Sept. 15, 1897
Blake, Henry W.	Editor, *Street Railway Journal*, 26 Cortlandt St., New York City.	Nov. 13, 1888
Blake, Theodore W.	Box, 263, New Haven, Conn.	Sept. 20, 1893
Blanchard, Charles M.	Winterburn, Pa.	Sept. 19, 1894
Blaxter, Geo. H.	Vice-President and General Manager, Allegheny County Light Co., Westinghouse Building, Pittsburg, Pa.	Sept. 25, 1895
Bliss, George S.	24 Chase, W. Lynn, Mass.	June 20, 1894
Bliss, Wm. J. A.	Johns Hopkins University ; residence, 1017 W. Paul St., Baltimore, Md.	Jan. 20, 1891
Bliss, William L., *B. S., M. M. E.*	Electrical Engineer, 128 Front St., New York City; residence, 505 Throop Ave., Brooklyn, N. Y.	Mar. 21, 1894
Blizard, Charles	Manager of New York Office, Electric Storage Battery Co., 22 Broad St.; residence, 34 W. 27th St., New York City.	Nov. 21, 1894
Blunt, Willam W.	Electrical Engineer, Westinghouse Elec. & Mfg. Co , Ltd., 32 Victoria St., London, Eng.	Dec. 16, 1896
Bogart, A. Livingston	Electrical and Patent Expert, 22 Union Square, New York City.	July 10, 1888
Boggs, Lemuel Stearns	Reed Hotel, Ogden, Utah.	Sept. 20, 1893
Bogue, Charles J.	Manufacturer and Dealer in Electrical Supplies, 206 Centre St., N.Y. City.	Dec. 3, 1889
Bohm, Ludwig K., *Ph.D.*,	Consulting Electrical and Chemical Expert, 117 Nassau St., N. Y. City.	Nov. 15, 1892
Bolan Thomas V.	Supervising and Constructing Engineer, The General Electric Co., Schenectady, N. Y.; residence, 869 N. 41st St., Philadelphia, Pa.	Aug. 5, 1896
Boyles, Thomas D.	Electrical Engineer, General Electric Co.; residence, 58 Washington Ave., Schenectady, N. Y.	Mar. 20, 1895
Brackett, Byron B.	Instructor Electrical Engineering, Union College, Schenectady, N Y.	Nov. 30, 1897
Brackett, Prof. Cyrus F.	Princeton, N. J.	April 15, 1889
Braddell, Alfred E.	Electrical Inspector, Underwriters' Association, Middle Department, 316 Walnut St., Philadelphia, Pa.	Sept. 1, 1890
Brady, Frank W., *M. E.*	Professor of Engineering and Physics, New Mexico College of Agriculture and Mechanic Arts, Mesilla Park, N. M.	June 20, 1894

Name.	Address.	Date of Election.
Brady, Paul T.	Manager, Central N. Y. Agency, Westinghouse Electric and Mfg. Co., Syracuse, N. Y.	July 12, 1887
Bragg, Charles A.	Manager Phila. Agency, Westinghouse Electric and Mfg. Co., 302 Girard Building, Philadelphia, Pa.	Sept. 20, 1893
Brayshaw, I.	Telegraph Inspector Great Southern Railway, City of Buenos Aires.	Aug. 5, 1896
Brixey, W. R.	Proprietor and Manufacturer, Day's Kerite Wire and Cables, 203 Broadway, New York City.	Sept. 20, 1893
Broich, Joseph	Superintendent and Electrician, with F. Pearce, New York City; residence, 448 8th Ave., Brooklyn, N. Y.	Jan. 17, 1894
Brophy, William	Electrician to the Wire Department, 12 Old Court House, Boston; residence, 17 Egleston St., Jamaica Plain, Mass.	Mar. 5, 1889
Brown, Albert W.	Mechanical and Electrical Engineer, 192 Broadway; residence, 27 W. 24th St , New York.	Feb. 17, 1897
Brown, Chas. L.	Ass't Eng. Pintsch Compressing Co., and Foreman 159th St. Plant, 160 Broadway, New York City.	Nov. 20, 1895
Browne, Sidney Hand.	Consulting Electrical Engineer, 809 Equitable Bldg., Baltimore; residence, Ruxton, Md.	Apr. 28, 1897
Bubert, J. F.	Supervising and Contracting Electrical Engineer, 402 Exchange Bldg., (Telephone 1379) Boston, Mass.	June 7, 1892
Buck, Harold W.	14 East 45th St., New York City.	Jan. 16, 1895
Buckingham, Chas. L.	Patent Attorney, Western Union Telegraph Co., 195 Broadway, P. O. Box 856, New York City.	April 15, 1884
Bunce, Theodore D.	The Storage Battery Supply Co., 239 E. 27th St., New York City.	May 20, 1890
Burgess, Chas. Fred'k.	Instructor in Electrical Engineering, University of Wisconsin, Madison, Wis.	Mar. 25, 1896
Burke, James	Consulting Electrical Engineer, 150 Nassau St., New York City.	May 16, 1893
Burnett, Douglass, *B.S.*	Edison Illuminating Co., Inspection Dept., 55 Duane St., New York City; residence, 42 Livingston St., Brooklyn, N. Y.	Feb. 21, 1893
Burroughs, Harris S.	1416 Pacific St., Brooklyn, N. Y.	Nov. 30, 1897
Burt, Byron T.	Manager and Sec'y, and Treas. Charleston Light and Power Co., Charleston, S. C.	Sept. 25, 1895
Burton, Paul G.	Constructing Electrician, Western Electric Co.; residence, 149 Lenox Ave, New York City.	Nov. 20, 1895
Burton, William C.	With White-Crosby Co., 29 Broadway, New York, N. Y.	Sept. 20, 1893

Name.	Address.	Date of Election.
Butler, William C.	President, The Puget Sound Reduction Co., Everett, Washington.	Mar. 21, 1893
Buys, Albert	Electrical Engineer, The Rahway Electric Light and Power Co., Rahway, N. J.	Feb. 7, 1890
Byrns, Robert A.	Walker Company, 912 Ellicott Square, Buffalo, N. Y.	Dec. 16, 1896
Cabot, Francis Elliott	Supt. of Inspection and Electrician, Boston Board of Fire Underwriters, 55 Kilby Street; residence, East Milton, Mass.	April 17, 1895
Cabot, John Alfred	City Electrician, 115 W. 8th St., Cincinnati, O.	May 16, 1893
Caldwell, Edward	President Empire Advertising Co., 150 Nassau St., New York City; residence, 409 E. 5th St., Plainfield, N. J.	Jan. 20, 1891
Caldwell, Francis C.	Assistant Professor of Electrical Engineering, Ohio State University, Columbus, O.	June 20, 1894
Canfield, Milton C.	Electrical Engineer, The Cleveland City Railway Co.; residence, 18 Clinton St., Cleveland, O.	Feb. 21, 1893
Canfield, Myron E.	Western Electric Co.; residence, 404 W. 44th St. New York City.	May 21, 1895
Capuccio, Mario	Raimondo & Capuccio, Consulting Engineers and Patent Agents, Piazza Statuto 15, Turin, Italy.	Dec. 20, 1893
Carichoff, E. R.	Electrical Engineer, Sprague Electric Co., Bloomfield, N. J.	Mar. 21, 1894
Carpenter, Chas. E.	Vice-President, Carpenter Enamel Rheostat Co.; residence, 36 W. 35th St., New York.	Aug. 5, 1896
Carson, David I.	Secy. and Gen. Supt., The Southern Bell Telephone and Telegraph Co., 26 Cortlandt St., New York City.	Dec. 21, 1892
Carter, Henry W.	Attorney and Expert in Patent Causes, Carter & Graves, 810 Reaper Block, Chicago, Ill.	Apr. 28, 1897
Carty, J. J.	Engineer, New York Telephone Co., 15 Dey St., New York City; residence, Cranford, N. J.	April 15, 1890
Case, Willard E.	196 Genesee St., Auburn, N. Y.	Feb. 7, 1888
Casper, Louis	Electricial Engineer and Contractor, 3122 Wabash Ave., Chicago, Ill.	April 21, 1891
Chadbourne, Henry R., Jr.	Electrical Engineer, 130 Bedford St., Boston, Mass.	May 15, 1894
Chapman, A. Wright	Electrical Engineer, 160 Hicks St., Brooklyn, N. Y.	Mar. 25, 1896
Cheney, Frederick A.	Maple Avenue, Elmira, N. Y.	Oct. 1, 1889
Chermont, Antonio Leite	Engineer, Firm of Chermont, Silva and Miranda, Box 252, Para, U. S. Brazil.	Mar. 18, 1890

Name.	Address.	Date of Election.
Chesney, C. C.	Electrician, Stanley Laboratory, Pittsfield, Mass.	June 20, 1894
Childs, Sumner W.	Charleston City Railway Co., 58 Broad St., Charleston, S. C.	May 15, 1894
Childs, Walter H.	Brattleboro, Vt.	Sept. 6, 1887
Chism, George F.	Civil Engineer, 3 No. Pearl Street, Albany, N. Y.	Mar. 21, 1893
Chubbuck, H. Eugene	Vice-President, The Pueblo Electric Street Railway Co., Pueblo, Col.	Dec. 4, 1888
Clark, Chas. M.	Student, Electrical Course, Columbia University; residence, 831 Madison Ave., New York City.	April 22, 1896
Clark, LeRoy, Jr.	Electrician, Safety Insulated Wire and Cable Co., 229 West 28th St., residence, 350 West 30th St., New York City.	May 15, 1894
Clark, William J.	General Manager, Railway Dept. General Electric Co., 44 Broad Street, New York City.	April 22, 1896
Clement, Edward C.	Ass't Examimer, Electrical Division, U. S. Patent Office, Washington, D C.	May 18, 1897
Clement, Lewis M.	1013 Central Ave., Oakland, Cal.	April 21, 1891
Clough, Albert L.	Box 114, Manchester, N. H.	Feb. 21, 1894
Cody, L. P.	Manager and Engineer, Grand Rapids Electric Co., 9 South Division St., Grand Rapids. Mich.	Aug. 5, 1896
Coffin, Chas. A.	General Electric Co., 180 Summer St., Boston, Mass.	Dec. 6, 1887
Cogswell, A. R.	Electrician and Superintendent, Halifax Illuminating and Motor Co., Ltd., 34 Bishop St., Halifax, N. S.	April 21, 1891
Coho, Herbert B.	H. B. Coho & Co., Electrical Engineers, 220 Broadway, New York City.	Mar. 21, 1894
Coles, Edmund P.	Resident Engineer, Manáos Electric Lighting Co, Manáos, U. S. Brazil.	Oct. 23, 1895
Colgate, Geo. L.	Electrical Engineer, Ironclad Rheostat Co., Westfield, N. J.; residence, Fanwood, N. J.	June 17, 1890
Collett, Samuel D.	Engineer Construction Dep't. New York Telephone Co., 15 Dey St., New York City; residence, Van Pelt Manor, N. Y.	Feb. 26, 1896
Colville, Frank C.	Electrician and Inventor, 1503 Seventh Ave., Oakland, Cal.	May 19, 1891
Compton, Alfred G.	Professor of Applied Mathematics, College of the City of New York, 17 Lexington Ave., New York City.	Nov. 1 1887
Coolidge, Charles A.	Electrical Engineer, Portland Ceneral Electric Co, 12 Selling-Hirsch Bldg. Portland, Ore.	April 19, 1892

Name.	Address.	Date of Election.
COPELAND, CLEMENT A.	Manager of Electric Lighting Station and Electrician, Copper Queen Consolidated Mining Co., Bisbee, Arizona.	June 23, 1897
COREY, FRED BRAINARD	Sec'y Springfield Elevator and Pump Co., Springfield, Mass.	Dec. 20, 1893
CORNELL, JOHN B.	Supt. of Construction, with Chas. L. Cornell, Hamilton, O.	Sept. 25, 1895
CORSON, WILLIAM R. C.	Electrical Engineer, The Eddy Electric Mfg. Co., Windsor, Conn.	Jan. 17, 1893
CORY, CLARENCE L.	Professor of Electrical Engineering, University of California, Berkeley, Cal.	April 19, 1892
CRAIN, JOHN JAY,	American Impulse Wheel Co., 120 Liberty St., New York City.	Dec. 16, 1896
CRANDALL, CHESTER D.	Assistant Treasurer, Western Electric Co., 227 South Clinton St.; residence, 4438 Ellis Ave. Chicago, Ill.	Sept. 27, 1892
CRANE, W. F. D.	Manager Electrical Department H. W. Johns Manufacturing Co., 100 William Street, New York City; residence, 24 Halstead Pl., East Orange, N. J.	Feb. 7, 1888
CRAWFORD, DAVID FRANCIS	Ass't to Supt. Motive Power, Penn'a Co., Fort Wayne, Ind.	Sept. 25, 1895
CRAWFORD, L. G.	Sup't, Repair Dep't General Electric Co., Chicago, Ill.	Oct. 23, 1895
CREAGHEAD, THOMAS J.	President and General Manager, Creaghead Engineering Co., 296 Plum St., Cincinnati, O.	Sept. 20, 1893
CREHORE, ALBERT C., *Ph.D.*	Assistant Professor of Physics, Dartmouth College, Hanover, N. H.	Dec. 21, 1892
CREWS, J. W.	Manager, Southern Bell Telephone and Telegraph Co., 124 Main St., Norfolk, Va.	Sept. 19, 1894
CRIGGAL, JOHN E.	Electrician, 12 Nelson Place, Newark, N. J.	June 20, 1894
CROSBY, OSCAR T.	White-Crosby Co., 1417 G Street, Washington, D. C.	Mar. 18, 1890
CUMNER, ARTHUR B.	64 Federal St., Boston, Mass.	Feb. 27, 1895
CUNNINGHAM, E. R.	Sup't Fort Dodge Light and Power Co., Fort Dodge, Iowa.	Jan. 22, 1896
CUNTZ, JOHANNES H.	Assistant to President Henry Morton, Stevens Institute of Technology, 325 Hudson St., Hoboken, N. J.	Mar. 5, 1889
DACUNHA, MANOEL IGNACIO	Manager of the Electrical Section, Emprera Industrial Gram-Para, Para, U. S. of Brazil.	May 16, 1893
DAME, FRANK L.	General Sup't, Tacoma Railway and Motor Co., Tacoma, Wash.	June 26, 1891

Name.	Address.	Date of Election.
DAMON, GEO. B.	Consulting Engineer, F. P. Sheldon & Co., 612 Exchange Building, Boston; residence, Lowell, Mass.	June 23, 1897
DANA, R. K.	Agent, Washburn and Moen Mfg. Co., 16 Cliff St., New York City.	April 15, 1884
DANIELSON, ERNST	Consulting Electrician, 16 Scheele Gatan, Stockholm, Sweden.	June 27, 1895
DARROW, ELEAZAR	Professor M. E. Dept. Washington Agr. College, Pullman, Wash.	Aug. 5, 1896
DAVENPORT, C. G.	Expert and Agent, General Electric Co., 44 Broad St., New York City.	Nov. 21, 1894
DAVENPORT, GEORGE W.	61 Ames Bldg., Boston, Mass.	June 4, 1889
DAVIDSON, EDW. C.	Patent Lawyer, Room 179 Times Bldg., New York City.	Feb 7, 1890
DAVIS, DELAMORE L.	Superintendent, Salem Electric Light and Power Co., 299 Lincoln Ave., Salem, O.	April 2, 1889
DAVIS, JOSEPH P.	Engineer, American Bell Telephone Co., 113 W. 38th St., New York City.	April 15, 1884
DAVIS, W. J., JR.	Electrical Engineer, General Electric Co., Schenectady, N. Y.	Mar. 20, 1895
DEGEN, LEWIS	Constructing Engineer, Gen'l Electric Co., Rio de Janeiro, Brazil.	Sept. 25, 1895
deKHOTINSKY, CAPT. ACHILLES,	Late Chief Electrician and Torpedo Officer, Imperial Russian Navy, Western Electric Co., Chicago, Ill.	Oct. 27, 1891
deLANCEY, DARRAGH	Manager of Kodak Park Works, Eastman Kodak Co., Rochester, N. Y.	Sept. 19, 1894
DENTON, JAMES E.	Professor of Experimental Mechanics, Stevens Institute of Technology, Hoboken, N. J.	July 12, 1887
DEREDON, CONSTANT	Consulting Engineer, 27 Thames St., New York City.	May 18, 1897
DEWAR, JOHN THOMAS	Electrical Expert, Western Electric Co.; residence, 33 Rue Bouewijns, Antwerp, Belgium.	May 21, 1895
DEY, HARRY E.	Pres't and Gen'l Mgr. Dey-Griswold Co., residence, 62 Church St., Pawtucket, R. I.	Dec. 19, 1894
DICKERSON, E. N.	Attorney-at-Law, 64 E. 34th St., New York City.	April 15, 1884
DINKEY, ALVA C.	Supt. Electric Dept., Homestead Steel Works, Munhall, Pa.	Feb. 17, 1897
DOBBIE, ROBERT S.	Electrical Engineer, Riding Mill-on-Tyne, Northumberland, Eng.	Feb. 5, 1889
DOOLITTLE, CLARENCE E.	Manager and Electrician, Roaring Fork Electric Light and Power Co., Aspen, Colo.	May 15, 1894
DOOLITTLE, THOMAS B.	Engineering Department, American Bell Telephone Co., 125 Milk St., Boston, Mass.	May 16, 1893

Name.	Address.	Date of Election.
Doremus, Charles Avery	*M.D. Ph.D.* 59 W. 51st St., New York City.	July 7, 1884
Dressler, Charles E.	17 Lexington Ave., New York City.	Dec 16, 1890
Drysdale, William A.	Consulting Electrical Engineer, Hale Building, Philadelphia, Pa.	Sept. 19, 1894
Du Bois, Julian	Chief Electrician, Mohawk Division N. Y. C. & H. R. R. R. Albany, N. Y.	Nov. 20, 1895
Duncan, John D. E.	76 Miller Ave., Ann Arbor, Mich.	Mar. 20, 1895
Duncan, Thomas	Electrician, Laboratory Fort Wayne Electric Corporation, 407 Broadway, Fort Wayne, Ind.	Oct. 17, 1894
Dunlap, Will Knox	Electrical Engineer, Westinghouse Elec. and Mfg. Co., Niagara Falls, N. Y.	Sept. 25, 1895
Dunn, Kingsley G.	Dunn & McKinley, Electrical Contractors, 523 Mission St., San Francisco, Cal.	Oct. 17, 1894
Durant, Edward	Electrician, 115 East 26th St., New York City.	Nov. 15, 1892
Durant, Geo. F.	Vice-Pres't Bell Telephone Co., of Mo., 511 No. 4th St., St. Louis, Mo.	April 15, 1884
Dyer, Francis Maron	Associate Engineer with Chas. L. Eidlitz, 10 West 23d St ; residence, 355 Lenox Ave., New York City.	Sept. 19, 1894
Eddy, H. C.	Electrical Engineer and Contractor, Lees Building, Chicago, Ill.	June 20, 1894
Eden, Morton Edward	Electrical Inspector, Western District the Underwriters' Association of the Middle Department, 245 Fourth Ave., Pittsburg ; residence, Warren Pa.	Sept. 19, 1894
Edmands, I. R.	Construction Engineer, General Electric Co., 706, The Phoenix, Minneapolis, Minn.	June 23, 1897
Edwards, James P.	Electrical Engineer, 1569 Walton Way, Augusta, Ga.	April 19, 1892
Eglin, Wm. C. L.	Chief of Electrical Department, Edison Electric Light Co., 909 Walnut St.; residence, 4230 Chester Ave., Philadelphia, Pa.	Sept. 19, 1894
Ekstrom, Axel	Electrical Engineer, General Electric Co.; Schenectady, N. Y.	June 17, 1890
Eley, Harris H.	Electrical Workshop Supt. W. C. & S. W. Telephone Co., 88 Colston St., Bristol, Eng.	Jan. 7, 1890
Ellard, John W.	Treasurer, Edison Electric Illuminating Co., 15 South Street, Baltimore, Md.	June 23, 1897
Ellicott, Edward B.	Superintendent of City Telegraph, Union League Club, Chicago, Ill.	Sept. 19, 1894

Name.	Address.	Date of Election.
Elmer, William, Jr.	Electrical Engineer, 68 Park Place, Newark, N. J.	Mar. 18, 1890
Ely, Wm. Grosvenor, Jr.	8 Union Street, Schenectady, N. Y.	Mar. 21, 1893
Emerick, Louis W.	Electrical Engineer, The Solvay Process Co., Syracuse, N. Y.; residence 208 East Jefferson St., Syracuse, N. Y.	Aug. 13, 1897
Emmet, Herman L. R.	Publisher and Printer, 36 Cortlandt St., New York City.	April 15, 1884
Ende, Siegfried H.	121 E. 77th St., W. New York City.	Jan. 17, 1894
Entz, Justus Bulkley	Electrical Engineer, Electric Storage Battery Co., 19th St., and Allegheny Ave., Philadelphia, Pa.	Jan. 7, 1890
Erickson, F. Wm.	Electrical Engineer, Lord Electric Co., 181 Tremont St., Boston, Mass.	Sep. 19, 1894
Esty, William	Assistant Professor of Electrical Engineering, State University, Urbana, Ill.	Mar. 20, 1895
Etheridge, Locke	Chicago Telephone Co.; residence, 44 E. 50th St., Chicago, Ill.	Oct. 17, 1894
Etheridge, E. L.	Care of J. P. Hall, 143 Liberty St., New York City	Dec. 20, 1893
Evans, Edward A.	Acting Chief Engineer, The Quebec, Montmorency and Charlevoin Railway, Quebec, Canada.	Jan. 22, 1896
Eyre, M. K.	Manager Harrison Works, General Electric Co., Harrison, N. J.	Oct 17, 1894
Farnsworth, Arthur J.	Chief Engineer, Larchmont Electric Co., Mamaroneck, Conn.	Jan. 16, 1895
Fay, Thomas J.	Crocker-Wheeler Electric Co., 39 Cortlandt St., New York City.	June 26, 1891
Fielding, Frank E. [Life Member.]	Chemist and Assayer, Virginia City, Nev.	Sept. 6, 1887
Firth, Wm. Edgar	Chief Engineer, The Midvale Steel Co., Nicetown, Philadelphia; residence, 7203 Boyer St., Germantown, Pa.	Mar. 25, 1896
Fischer, Gustave J.	Engineer for Tramway Construction, Public Works Department, Sydney, N. S. W.	Jan. 20, 1891
Fish, Milton L.	306 Bryant St., Buffalo, N. Y	Oct. 21, 1896
Fisher, Henry W.	Electrician and Director of Elec. and Chem. Laboratories; The Standard Underground Cable Co., Pittsburg, Pa.	Jan. 16, 1895
Fiske, J. Parker B.	164 Devonshire St., Boston, Mass.	June 17, 1890
Flagg, Stanley G., Jr.	Stanley G. Flagg & Co., 19th St., and Penna. Ave., Philadelphia, Pa.	April 18, 1893
Flather, John J.	Professor of Mechanical Engineering, Purdue University, Lafayette, Ind.	April 19, 1892

Name.	Address.	Date of Election.
Flesch, Charles	Electrical Engineer, Allgemeine Elektricitats-Gesellschaft, 22 Schiffbauerdamm, Berlin, N. W. Germany.	Sept. 27, 1892
Flood, J. F.	Sup't Steubenville Traction Co., Steubenville, O.	Mar. 18, 1890
Flory, Curtis B.	Link Belt Engineering Co., Nicetown, Philadelphia, Pa.	April 22, 1896
Floy, Henry	Engineer Westinghouse Electric and Mfg. Co., 171 La Salle St.; residence, 5540 Cornell Ave., Chicago, Ill.	May 17, 1892
Foote, Charles W.	General Manager, Citizens Traction Co., San Diego, Cal.	Sept. 22, 1891
Foote, Thos. H.	Electrical Engineer. C. & C. Electric Co., Garwood, near Westfield, N. J.	April 21, 1891
Forbes, Francis	Lawyer, 32 Nassau St., New York City.	Sept. 16, 1890
Forbes, George	Electrical Engineer, 34 Great George St., London, Eng.	Feb. 21, 1894
Ford, Arthur Hillyer,	360 W. 120th St., New York City	Mar. 24, 1897
Ford, Frank R., *M. E.*	Consulting Engineer, Ford, Bacon & Davis, 220 Broadway, New York City.	Mar. 25, 1896
Ford, Wm. S.	Assistant to Chief Engineer, The American Bell Telephone Co., room 73, 125 Milk St., Boston, Mass.	June 7, 1892
Francisco, M. J.	President and General Manager, Rutland Electric Light Co., Rutland, Vt.	June 17, 1890
Frankenfield, Budd	Instructor in Electrical Engineering, State College, Center Co., Pa.	Feb. 17, 1897
Franklin, W. S.	Lehigh University, South Bethlehem, Pa.	Jan. 22, 1896
Frantzen, Arthur	Electrical Engineer and Contractor, 225 Dearborn St., Chicago, Ill.	Feb. 21, 1894
French, Prof. Thomas, Jr. *Ph.D.*	Avondale, Cincinnati, O.	Sept. 20, 1893
Fridenberg, Henry Leslie, *M. E.*	Stanley Mfg. Co., (Meter Dept.,) Pittsfield, Mass.	Jan. 16, 1895
Friedlaender, Eugene	Electrician, Carnegie Steel Company, Duquesne, Pa.	Nov. 20, 1895
Frost, Joseph W.	Secretary, National Automatic Fire Alarm, 335 Broadway, New York City.	Mar. 20, 1895
Gallaher, Edward B.	Consulting and Supervising Engineer, 120 Liberty Street; residence, 1190 Madison Ave., New York City.	Jan. 19, 1895
Garrels, W. L.	4531 West Pine Boulevard, St. Louis, Mo.	Mar. 20, 1895
Gerry, James H.	Superintendent, The Self-Winding Clock Co., 163 Grand Ave., Brooklyn, N. Y.	April 18, 1894
Gerson, Louis Jay	Engineer and Contractor, 712 Sansom St.; residence, 637 S. 49th St., Philadelphia, Pa.	Sept. 19, 1894

Name.	Address.	Date of Election.
Gherardi, Bancroft, Jr.,	Assistant in the Engineering Dept. New York Telephone Co.; residence, 30 East 33d St., N. Y. City.	June 27, 1895
Gilliland, E. T.	Pelham Manor, N. Y.	April 15, 1884
Gilmore, Lucien H.	Prof. of Physics and Electrical Engineering, Throop Polytechnic Institute, Pasadena, Cal.	Mar. 20, 1895
Githens, Walter L.	Manager, H. P. Elec. Light and Power Co., 7284 So. Chicago Ave.; residence, 5101 Kimbark Ave., Chicago, Ills.	Jan. 22, 1896
Glading, Frank W., *M. E., M. S.*	Edison Manufacturing Co., West Orange, N. J.	May 15, 1894
Gladstone, James Wm.	Manager, Edison Mfg. Co., 110 East 23d St., New York City; residence, West Orange, N. J.	April 18, 1894
Goddard, Chris. M.	Secretary and Electrician, New England Insurance Exchange. Sec'y Underwriters' National Electric Ass'n, 55 Kilby St,, Boston, Mass.	April 22, 1896
Goldmark, Chas. J.	Electrical Engineer, 39 Cortlandt St., and 473 Park Ave., New York City.	June 5, 1888
Goldsborough, Winder Elwell, *M. E.*,	Professor of Electrical Engineering, Purdue University, Lafayette, Ind.	Mar. 21, 1893
Goltz, William	Hathaway Building, Milwaukee, Wis,	Oct. 27, 1897
Gorton, Charles	Civil Engineer, Belmont, N. Y.	Nov. 12, 1889
Gordon, Reginald	Tutor in Physics, Columbia University, New York City.	Feb. 24, 1891
Gorrissen, Ch.	With Siemens & Halske, Franklinstrasse 29, Charlottenburg, Ger.	Mar. 25, 1896
Gossler, Philip G.	Electrical Engineer, Royal Electric Co. 94 Queen St., Montreal, P. Q.	June 20, 1894
Gott, Clarence P.	83 Washington Place, New York City.	Nov. 20, 1895
Graham, George Wallace	80 Decatur St., Brooklyn, N. Y.	Dec. 19, 1894
Granbery, Julian H.	Draughtsman, residence, Closter, N. J.	Aug. 5, 1896
Graves, Chas. B.	Marblehead, Mass.	Sept. 15, 1897
Greenleaf, Lewis Stone	Electrician, Hudson River Telephone Co., Albany, N. Y.	Aug. 5, 1896
Green, Elwin Clinton	Testing Department and Installing Work, Jenney Electric Motor Co., 206 South East St., Indianapolis, Ind.	Mar. 25, 1896
Greenwood, Fred. A.	Secretary California Electric Works, 409 Market St., San Francisco, Cal.	April 28, 1897
Griffen, John D.	Inventor, Electric Conduit and Electric Signaling Apparatus, 60 Broadway; residence, 304 West 90th St., New York.	Aug. 13. 1897
Griffes, Eugene	Electrical Engineer, 534 South Broadway, Los Angeles, Cal.	Feb. 26, 1896

Name.	Address.	Date of Election.
GRIFFIN, CAPT. EUGENE	First Vice-President, General Electric Co., 44 Broad St., New York City.	Feb. 7, 1890
GROSS, S. ROSS	Electrician, Tennessee Coal, Iron and R.R. Co., Ensley, Ala.	May 17, 1892
GROWER, GEORGE G.	Electrician and Chemist, Ansonia Brass and Copper Co., Ansonia, Conn.	Mar. 18, 1890
GUY, GEORGE HELI	Secretary, The New York Electrical Society, 120 Liberty St , New York City.	May 16, 1893
HADLEY, ARTHUR L.	Assistant Electrician to Chief Electrician and Gen'l Supt., Fort Wayne Electric Corporation, 174 W. Craighton Ave , Fort Wayne, Ind.	Oct. 17, 1894
HADLEY, FRED'K W.	Electrical Eng'r, Arlington Heights, Mass.	Aug. 5, 1896
HAKONSON, CARL HAROLD	Electrical Engineer, with the Union Elektricitäts Gesellschaft, Hollmann Str. 32, Berlin S. W., Ger.	Sept. 25, 1895
HALL, EDWARD J.	Vice-President and General Manager, American Telephone and Telegraph Co., 15 Dey St., New York City.	April 18, 1893
HALL, J. P.	Electrical Contractor, 143 Liberty St.; residence, 200 W. 136th St., N. Y.	Aug. 5, 1896
HALL, WILLIAM P.	President, The Hall Signal Co., Vice-President The Johnson Railroad Signal Co., 44 Broad St., New York City.	Sept. 16, 1890
HALSEY, WILLIAM B.	Electrician and Horologist, 246 Elton St., Brooklyn, N. Y.	Mar. 18, 1890
HAMERSCHLAG, ARTHUR A.	Electrical Expert, and Owner Hamerschlag & Co., 100 Maiden Lane, New York City.	Mar. 25, 1896
HAMMATT, CLARENCE S.	Supt., Jacksonville Electric Light Co., Jacksonville, Fla.	Sept. 20, 1893
HANCHETT, GEO. T.	Electrical and Technical Engineer, 1 Nassau Street, N. Y.; residence, Hackensack, N. J.	May 19, 1896
HANCOCK, L. M.	P. O. Box 151. Nevada City, Cal.	May 19, 1891
HARDING, H. McL.	1 Nassau Street, New York City.	May 24, 1887
HARRIS, GEORGE H.	Electrical Engineer, Birmingham Railway and Electric Co., Birmingham, Ala.	June 20, 1894
HARRIS, W. C., JR.	Electrician, Harris & Williamson, Birmingham, Ala.	April 17, 1895
HARTMAN, HERBERT T.	Cor. 10th and Sansom Streets, Philadelphia, Pa.	Mar. 21, 1893
HARVEY, ROBERT R. [Life Member.]	10 So. Franklin St., Wilkes-Barre, Pa.	Sept. 25, 1895

Name.	Address.	Date of Election.
HATHAWAY, JOSEPH D., JR.	Assistant in Cable Dep't Western Electric Co., 57 Bethune St., N. Y. City.	Aug. 5, 1896
HATZEL, J. C.	Electrical Engineer and Contractor, 114 Fifth Ave., New York City.	Sept. 3, 1889
HEALY, LOUIS W.	Mechanical Engineer's Office, Altoona, Pa.	June 26, 1891
HEDENBERG, WM. L.	Firm of Hedenberg & Kinsey, Consulting and Constructing Engineers, 108 Fulton St.; residence, 83 Clinton Place, New York City.	Nov. 21, 1894
HENDERSON, ALEX.	Chief Inspector, New York Fire Dept.; residence, 321 West 118th St. N. Y.	Nov. 30, 1897
HENDERSON, HENRY BANKS	Riverside, Cal.	May 21, 1895
HERMESSEN, JOHN LOUIS	Chief of Data Dept., Union Elektricitäts Gesellschaft, Kleist Strasse 29, Berlin, Germany.	Jan. 20, 1897
HESSENBRUCH, GEORGE S.	*E.E. Ph.D.* Berliner Str. 75, Charlottenburg, Germany.	June 27, 1895
HEWITT, CHARLES E.	Electrician, Hyer-Sheehan Electric Motor Co., 100 Johnson St., Newburgh, N. Y.	Sept. 25, 1895
HEWITT, WILLIAM R.	Superintendent, Fire Alarm and Police Telegraph, 9 Brenham Place, San Francisco, Cal.	May 15, 1894
HEWLETT, EDWARD M.	Electrical Engineer, Railway Dept. General Electric Co., Schenectady, N. Y.	May 19, 1891
HILL, GEORGE, *C.E.*	Consulting Engineer, 44 Broadway, New York City.	April 19, 1892
HILL, H. P.	Washington Loan and Trust Building, Washington, D. C.	Nov. 18, 1897
HILL, NICHOLAS S., JR.	Chief Engineer Water Department, City Hall, Baltimore, Md.	Aug. 5, 1896
HOAG, GEO. M.	City Electrician, City of Cleveland, 115 City Hall; residence, 3 Dorchester Ave., Cleveland, O.	April 28, 1897
HOBART, HENRY M.	Engineer, care British Thomson-Houston Co., 83 Cannon St., London Eng.	April 18, 1894
HOCHHAUSEN, WILLIAM	Electrician, 40 4th Ave., Brooklyn, N. Y.	April 15, 1884
HOLBERTON, GEORGE C.	Electrical and Mechanical Engineer, Bangkok, Siam,	May 15, 1894
HOLBROW, HERMAN L.	With New York Telephone Co., New York City; residence, Rutherford, N. J.	Mar. 24, 1897
HOLT, MARMADUKE BURRELL,	Mining and Electrical Engineer, 287 Lexington Ave. New York, N.Y.	April 15, 1890
HOMMEL, LUDWIG	Supt. of Construction, Standard Underground Cable Co., Westinghouse Building, Pittsburg, Pa.	Jan. 20, 1897

Name.	Address.	Date of Election.
Hood, Ralph O.	Electrical Engineer, Danvers, Mass.	April 18, 1894
Hopewell, Chas. F.	Inspector of Wires, Supt. of Lamps, Fire Alarm and Police Telegraph, City of Cambridge, City Hall; residence, 82 Magazine St., Cambridgeport, Mass.	Aug. 13, 1897
Hopkins, Nevil Monroe	Electrical Engineer, 1730 I Street, Washington, D. C.	Nov. 20, 1895
Hornsby, Harry H.	Electrical Inspector, 16 City Hall, Chicago, Ill.	June 27, 1895
Hosmer, Sidney	Sup't. Underground Cable Dep't, Boston Electric Light Co, Ames Building, Boston, Mass.	May 18, 1897
Howson, Hubert	Patent Lawyer, 38 Park Row, New York City.	June 8, 1887
Hubbard, Albert S.	Electrical and Mechanical Engineer, The Electro Chemical Storage Battery Co., Belleville, N. J.	Nov. 20, 1895
Hubbard, William C.	Vice-President, The Electric Arc Light Co., 150 Nassau St., New York City; residence, 427 West 7th St., Plainfield, N. J.	April 18, 1894
Hubley, G. Wilbur	Electrical Engineer, Louisville Electric Light Co; residence, 717 Fourth Ave, Louisville, Ky.	Sept. 19, 1894
Hubrecht, Dr. H. F. R.	Director, Nederlandsche Bell Telephone Co., Amsterdam, Holland.	Oct. 4, 1887
Hudson, John E.	President, The American Bell Telephone Co., 125 Milk St., Boston, Mass.	Dec. 20, 1893
Huggins, N. W.	Salesman, etc., General Electric Co., Seattle, Wash.	Aug. 5, 1896
Huguet, Chas. K.	Electrical Engineer, 1216 Carondelet St., New Orleans, La	June 27, 1895
Hull, S. P.	Chief Electrician of Hudson Div. N. Y. C. & H. R. R. R. Co., Poughkeepsie, N. Y.	May 19, 1896
Hulse, Wm. S.	Electrical Engineer, Fort Wayne Electrical Corporation, 228 Fairfield Ave., Fort Wayne, Ind.	Mar. 25, 1896
Humphreys, C. J. R.	Manager, Lawrence Gas Co., and Edison Electrical Ill. Co., Lawrence, Mass.	Sept. 6, 1887
Hunt, Arthur L.	Electrician, W. R. Fleming & Co., 203 Broadway, New York City.	Sept. 19, 1894
Huntley, Chas. R.	General Manager, Buffalo General Electric Co, 40 Court St., Buffalo, N. Y.	Sept. 25, 1895
Hutchinson, Frederick L.	Electrical Engineer, Elizabeth, N. J.	June 20, 1894
Idell, Frank E.	Havemeyer Building, 26 Cortlandt St., New York City.	July 12, 1887

Name.	Address.	Date of Election.
Ihlder, John D.	Electrical Engineer, Otis Electric Co., Yonkers, N. Y.	Oct. 2, 1888
Iijima Zentaro,	In charge of Transformer Testing Dep't., Wagner Elec. Mfg. Co., 2017 Locust St., St. Louis, Mo.	Jan. 22, 1896
Ingold, Eugene	Consulting Engineer and Expert, 1669 Second Ave., Pittsburg, Pa.	April 18, 1894
Insull, Samuel	President, Chicago Edison Co., 139 Adams St., Chicago, Ill.	Dec. 7, 1886
Irvine, Drew W.	Box 167, Montgomery, Ala.	Sept 25, 1895
Iwadare, Kunihiko	Electrician, 19 Second St., Nakanoshima, Japan.	Sept. 20, 1893
Jackson, Wm. B.	New York and Staten Island Electric Co., West New Brighton, N. Y.	Aug. 13, 1897
Jackson, Wm. Steell	So. Bell Telephone and Telegraph Co., Jacksonville, Fla.	April 22, 1896
Jaeger, Charles L.	Inventor, Maywood, N. J.	Dec. 20, 1893
Johnston, W. J.	*The Electrical World*, 253 Broadway. New York City.	April 15, 1884
Jones, Arthur W.	Care of Gibbs, Bright & Co., Melbourne, Australia.	Oct. 17, 1894
Jones, F. R.	Professor of Machine Design, University of Wisconsin, Madison, Wis.	May 20, 1890
Jones, G. H.	Agent, General Electric Co., Casilla 1317 D Santiago, Chile.	April 17, 1895
Jones, Henry C.	Member of Firm, the Electric Construction and Supply Co., Montgomery, Ala.	Mar. 20, 1895
Jones, M. E.	Contractor, and Student in Senior Class, Cornell University, Ithaca, N. Y.	Oct. 27, 1897
Judson, Wm. Pierson	U. S. Civil Engineer, Oswego, N. Y.; temporary address, 896 Ellicott Square, Buffalo, N. Y.	June 8, 1887
Kammerer, Jacob A.	General Agent, The Royal Electric Co., Toronto; residence, 97 Macdonell Ave., Toronto, Ont.	April 28, 1897
Kammeyer, Carl E.	Electrical Engineer, Maywood Ill.	Sept. 19, 1894
Keefer, Edwin S.	Supt. of Electric Light Construction, Western Electric Co ,57 Bethune St., New York City; residence, Elizabeth, N. J.	April 18, 1894
Keilholtz, P. O.	U. S. Electric Power and Light Co., Holliday and Centre Sts., Baltimore, Md.	Mar. 21, 1893
Keller, E. E.	Vice-Prest. and General Manager, Westinghouse Machine Co., 224 Murtland Ave., Pittsburg, Pa.	Sept. 20, 1893

Name.	Address.	Date of Election.
KELLER, EDWIN R., *M.E.*	Mechanical and Electrical Engineer, Falkenau Engineering Co., Ltd., 727 Reading Terminal. 4823 Springfield Ave., Philadelphia, Pa.	Mar. 21, 1894
KELLOGG, JAMES W., *M.E.*	General Electric Co., Lighting Dept., Schenectady, N. Y.	June 26, 1891
KELLY, WILLIAM F.	Manufacturers' Electric Co., American and Somerset Sts., Philadelphia, Pa.	Mar. 24, 1897
KENAN, WM. R. JR.	Chemist and Electrical Engineer, Lake Superior Carbide Works, Sault Ste., Marie, Mich.	Jan. 20, 1897
KENNELLY, ARTHUR E. [Life Member.]	(*Manager.*) Electrician, Firm of Houston & Kennelly, 1105–1106 Betz Bldg.; residence, The Landsowne, 41st St. and Elm Ave., Philadelphia, Pa.	May 1, 1888
KER, W. WALLACE	Instructor of Electricity, Hebrew Technical Institute, 36 Stuyvesant St., New York City. Residence, 43 Waverly St., Jersey City, N. J.	Sept. 25, 1895
KING, VINCENT C., Jr.	With V. C. & C. V. King, 517 West St.; residence, 110 East 16th Street, New York.	Aug. 5, 1896
KINSLEY, CARL	Teacher of Electrical Engineering, Washington University, St. Louis, Mo.	May 18, 1897
KIRKEGAARD, GEORG	Mechanical and Electrical Engineer, 28 State Street, New York City; residence, Giffords, Staten Island, N. Y.	Sept. 20, 1893
KIRKLAND, JOHN W.	Electrical Engineer, General Electric Co., Schenectady, N. Y.	Mar. 21, 1894
KITTLER, DR. ERASMUS	Professor at the Technical High School, Darmstadt, Germany.	Dec. 16, 1896
KLAUDER, RUDOLPH H.	Electrical Engineer, The Electric Storage Battery Co., Philadelphia, Pa.	Aug. 13, 1897
KLINCK, J. HENRY	Dept. Electrical Engineering, Lehigh University, South Bethlehem, Pa.	Jan. 16, 1895
KNOX, FRANK H.	Charleston City Railway Co., 58 Broad St., Charleston, S. C.	June 20, 1894
KNOX, GEO. W.	Electrical Engineer, Chicago City Railway Co., 2020 State St., Chicago, Ill.	Nov. 18, 1896
KNOX, JAMES MASON	Student in Electrical Engineering, Columbia University. School of Mines; residence, 32 West 129th St., New York City.	Jan. 17, 1894
KREIDLER, W. A.	Editor and Publisher, *Western Electrician*, 510 Marquette Building, Chicago, Ill.	Oct. 4, 1887
LABOUISSE, JOHN PETER *M.E.*	40 Park St., Lynn, Mass.	Aug. 5, 1896

Name.	Address.	Date of Election.
Lamb, Richard	Chief Engineer, in charge business of the Lamb Electrical Cableways, The Trenton Iron Co., No. 1 Broadway, New York City.	Dec. 18, 1895
Land, Frank	The Hamilton, E. Genesee Street, Syracuse, N. Y.	Sept. 22, 1891
Lane, Vance	Manager and Superintendent Construction, Nebraska Telephone Co., Omaha, Neb.	Dec. 19, 1894
Lanphear, Burton S.	Instructor in Electrical Engineering, Maine State College, Orono, Me.	Jan. 16, 1895
Lanman, William H.	Board of Patent Control, 120 Broadway, New York City.	June 6, 1893
Lardner, Henry Ackley	Borough of Manhattan Electric Co., 33 Gold St., New York City.	Dec. 19, 1894
Larned, Sherwood J.	Electrical Engineer, Chicago Telephone Co., 203 Washington St., Chicago, Ill.	Oct. 17, 1894
Larrabee, Rollin N.	Western Electric Co., 242 Jefferson St., Chicago, Ill.	Mar. 20, 1895
Latham Harry Milton	In Engineering Department, American Bell Telephone Co., 42 Farnsworth St., South Boston, Mass.	Dec. 16, 1896
LeBlanc, Charles	Ingenieur en Chef, de la Compagine Generale de Traction, 24 Boulevard des Capucines, Paris, France.	April 17, 1895
LeClear, Gifford,	Electrical and Mechanical Engineer, Partner Densmore & Le Clear, 7 Exchange Place Boston, Mass.; residence Cambridge, Mass.	Oct. 27, 1897
LeConte, Joseph Nisbet	Instructor in Electrical Engineering, State University, Berkeley, Cal.	Feb. 27, 1895
Ledoux, A. R., *M. S.*, *Ph.D.*,	9 Cliff St., New York City.	Dec. 7, 1886
Lee, John C.	Chemist and Electrician, American Bell Telephone Co., Mountfort St., Longwood, Brookline, Mass.	Mar. 18, 1890
Lemon, Charles,	Hon. Sec'y for New Zealand for the Institution of Electrical Engineers, Palmerston, North, New Zealand.	Jan. 22, 1896
Lenz, Karl	Draughtsman, Brooklyn Union Gas Co., 97 2nd Ave., New York City.	May 19, 1896
Lenz, Charles Otto	Electrical Engineer, 150, Camp Street, Providence, R. I.	Mar. 15, 1892
Le Pontois, Leon.	Electrical Engineer, The Westinghouse Elec. and Mfg. Co., Pittsburg, Pa.	Dec. 18, 1895
Levy, Arthur B.	Assistant Engineer, Arc Light Dept., General Electric Co., 810 Lexington Ave., New York City.	Jan. 20, 1891
Lewis, Henry Frederick William,	Redlands, 48 Sydenham Road, Croydon, Surrey, England.	Mar. 5, 1889

Name.	Address.	Date of Election.
Lilley, L. G.	Electrical Inspector, Underwriters' Association of Cincinnati, S. W. Cor. 3d and Walnut Sts., Cincinnati, O.; residence, Wyoming, O.	June 20, 1894
Lincoln, Paul M.	Electrician-in-charge, Cataract Construction Co., Niagara Falls, N. Y.	Sept. 25, 1895
Lindner, Chas. T.	Martin & Lindner, Electrical Engineers, Luning Building, San Francisco, Cal., residence, Berkeley, Cal.	Dec. 20, 1893
Lindsay, Wm. E.	Chief Engineer, St. Louis Dressed Beef and Provision Co., 3919 Papin St., St. Louis, Mo.	April 17, 1895
Little. C. W. G.	Engineer, British Thomson-Houston Co., 83 Cannon Street, London, Eng.	April 22, 1896
Loewenherz, Herman	Electrical and Mechanical Engineer, 1376 Lexington Ave., New York City,	Feb. 27, 1895
Lorimer, Geo. Wm.	Superintendent of Construction, The Callender Telephone Exchange Co., Troy, O.	Aug. 5, 1896
Lorimer, James Hoyt	Electrical Engineer. The Callender Telephone Exchange Co., Troy, O.	Aug. 5, 1896
Lovejoy, D. R.	Assistant in Electrical Engineering, Columbia University; residence, 222 East 49th St., New York, N. Y.	April 28, 1897
Low, George P.	Editor and Proprietor, *Journal of Electricity*, 22 Clay St., San Francisco, Cal.	Jan. 17, 1893
Lozier, Robert T. E.	Electrical Engineer, Member of Firm of Bullock Electric Co., St. Paul Bldg., New York City.	May 20, 1890
Ludlam, Harry W.	With Western Electric Co., 57 Bethune St., New York City.	Dec. 18, 1895
Lundell, Robert	Electrical Engineer, Interior Conduit and Insulation Co., 527 W. 34th St., New York; residence, 47 Brevoort Pl., Brooklyn, N. Y.	Feb. 7, 1890
Luquer, Thatcher, T. P.	New York Telephone Co., 18 Cortlandt St., residence, Bedford, N. Y.	June 26, 1891
Lyman, Chester Wolcott, *M. A.*	Manager Herkimer Paper, Co., Herkimer, N. Y.	Sept. 19, 1894
Lyman, James [Life Member.]	839 Union Street, Schenectady, N. Y.	Sept. 19, 1894
Maccoun, Ellicott	Supt. of the Electrical Dep't., The Carnegie Steel Co., Braddock, Pa.	Nov. 20, 1895
MacCulloch, Robert C.	Manager, Jos. Lough Electric Co., 503 Fifth Ave.; residence, 209 W. 81st St., New York City.	Feb. 27, 1895
MacFadden, Carl K.	Electrical Engineer, Gas Engine Dep't Western Gas Construction Co., Fort Wayne, Ind.	Sept. 27, 1892

Name.	Address.	Date of Election.
MacGregor, Willard H.	With Ward Leonard Electric Co., Hoboken, N. J.; residence, 359 W. 27th St., New York City.	Jan. 20, 1897
Mackie, C. P.	30 Broad St., New York City; residence, Englewood, N. J.	Mar. 21, 1893
Mackintosh, Fred'k.	Electrical Engineer, General Electric Co.; residence, 225 Union St., Schenectady, N. Y.	Mar. 25, 1896
MacLeod, George	Superintendent and Engineer, Kentucky and Indiana Bridge Co., 29th and High Sts., Louisville Ky.; residence, New Albany, Ind.	Aug. 5, 1896
MacMullan, Robert Heath	Lafayette, Ind.	Sept. 22, 1891
Madden, Oscar E.	[Address unknown.]	April 15, 1884
Magee, Louis J.	Electrical Engineer, Director, der Union Elektricitats Gesellschaft, Corneliusstr 1., Berlin, W. Germany.	April 2, 1889
Maki, Heiichir	Chief Engineer, Kioto Traction Co., Suyemarucho Dotemachi Marutamachisagarn, Kioto, Japan.	Aug. 5, 1896
Malia, James P.	Electrician, Armour & Co., 5316 Union Ave., Chicago, Ill.	June 20, 1894
Mann, Francis P.	[Address unknown.]	June 6, 1893
Manson, Jas. W.	Wire Chief, Franklin Street Exchange. New York Telephone Co.; residence, 973 Amsterdam Ave., New York City.	Mar. 25, 1896
Martin, Frank	Electrical Engineer, 253 Broadway, New York City.	Oct. 21, 1890
Martin, James A.	[Address Unknown.]	May 19, 1896
Martin, T. Commerford	(*Past-President.*) Editor, *The Electrical Engineer*, 120 Liberty Street, New York City.	April 15, 1884
Mason, James H.	Electrical Expert, 10 Fifth Ave., Brooklyn, N. Y.	May 19, 1891
Mather, Eugene Holmes	Superintendent and Electrical Engineer, New Haven Street Railway Co., Exchange Bldg., New Haven, Conn.	April 28, 1897
Matthews, Charles P.	Associate Professor, Electrical Engineering, Purdue University, Lafayette, Ind.	May 16, 1893
Maxwell, Eugene	225 N. Wasatch St., Colorado Springs, Col.	Aug. 5, 1896
Mauro, Philip	Counsellor at-Law in Patent Causes (Pollock & Mauro), 620 F. St., Washington, D. C.	Dec. 21, 1892
Mayer, Maxwell M.	Mfr. of Plating Dynamos, 2d Ave. and 121st St.; residence 433 East 116th St., New York City.	Feb. 27, 1895
Mayrhofer, Jos. Carl	Electrical Engineer, 165 W. 82d St., New York City.	June 20, 1894

Name.	Address.	Date of Election.
McBride, James	Superintendent, N. Y. & Boston Dye Wood Co., 146 Kent St., Brooklyn, N. Y.	Sept. 27, 1892
McCarthy, E. D.	Electrical Engineer, The F. P. Little Electric Construction and Supply Co., 135 Seneca St.; residence, 451 14th Street, Buffalo, N. Y.	Nov. 18, 1896
McCluer, Chas. P.	District Inspector, So. Bell Tel. and Tel. Co., Richmond, Va.	Apr. 22, 1896
McClurg, W. A.	Manager, Electrical Dept., Plainfield Gas and Electric Light Co., 207 Madison Ave., Plainfield, N. J	Dec. 20, 1893
McElroy, James F.	Mechanical Supt., The Consolidated Car Heating Co., 131 Lake Ave., Albany, N. Y.	Nov. 15, 1892
McKay, C. R.	Consulting Engineer, 140 South Main St., Salt Lake City, Utah.	Dec. 20, 1893
McKibbin, George N.	Reed & McKibbin, General Street Railway Contractors, 30 Broad St., New York City	June 8, 1887
McKissick, A. F.	Professor of Electrical Engineering, The A. & M. College of Ala., Auburn, Ala.	Feb. 16, 1892
McRae, Austin Lee	Consulting Electrical Engineer, 306 Oriel Bldg , St. Louis, Mo.	May 17, 1892
Meadows, Harold Gregory	Associate Engineer (Elec.) with Newcomb Carlton, 109 White Building; residence, 114 West Chippewa St., Buffalo, N. Y.	Sept. 23, 1896
Medina, Frank P.	Electrician, Pacific Postal Telegraph Co., 534 Market St., San Francisco, Cal.	Sept. 19, 1894
Meredith, Wynn	Electrical Engineer, Hasson & Hunt, 310 Pine St., San Francisco, Cal.	Jan. 17, 1894
Merrill, E. A.	Electrical Engineer, MacIntosh and Seymour, 26 Cortlandt St., New York City.	Sept. 20, 1893
Merrill, Josiah L.	Electrical Engineer, St. Johnsbury, Vt.	Sept. 25, 1895
Merritt, Ernest	Assistant Professor in Physics, Cornell University, Ithaca N. Y.	Sept. 16, 1890
Merz, Chas. H.	British Thomson-Houston Ltd., 38 Parliament St., London, S.W.; residence, The Quarries, Newcastle-on-Tyne, England.	Sept. 25, 1895
Meyer, Julius	Consulting Engineer, 44 Broad St., New York City.	Oct. 25, 1892
Middlemiss, P. R., *M. E.*	Electrical Engineer, General Electric Co., Box 588, Schenectady, N. Y.	Mar. 20, 1895
Miller, Wm. C., *M. S.*	Electrical Engineer, 3 South Hawk St., Albany, N. Y.	Oct. 21, 1890
Miner, Willard M.	Electrician and Inventor, 428 East Sixth St., Plainfield, N. J.	July 12, 1887

Name	Address.	Date of Election
Mitchell, Sidney Z.	Manager, Oregon, Washington and Idaho Agency, General Electric Co., Fleischner Building, Portland, Ore.	Nov. 12, 1889
Mole, Harvey Edward	Ass't in Engineering Dept. J. G White & Co., 29 Broadway; residence, 320 West 58th St., New York City.	Nov. 30, 1897
Moore, Wm. E.	General Superintendent, The Augusta Railway & Electric Co., Augusta, Ga.	Jan. 22, 1896
Monell, Joseph T.	Consulting Electrical Engineer, 236 W 22d St., New York City.	Oct. 27, 1891
Montague, Ralph L.	Chief of Electrical Department, The Gold Dredging Co., Bannack, Mont.	Feb. 26, 1896
Mora, Mariano Luis	General Electric Co., 44 Broad St., New York City.	Mar. 20, 1895
Mordey, Wm. Morris	Electrician, Brush Electrical Engineering Co., Princes Mansions, Victoria St., Westminster, London, Eng.	Sept. 22, 1891
Morgan, Chas. H.	Maxatawny, Berks Co , Penn.	Aug 5, 1896
Morehouse, H. H.	Morehouse and Morrell, General Electric Installation and Contracting Work, Apartado, No 44, Quezaltenango, Guatemala, C. A.	Feb. 21, 1894
Morley, Edgar L.	Sup't Hatzel & Buehler, 114 5th Ave., New York City.	Sept. 25, 1895
Morrison, J. Frank	15 South St., Baltimore, Md.	April 15, 1884
Morse, George H.	Wagner Electric Mfg. Co. St. Louis, Mo.	May 15, 1894
Morss, Everett	Vice-President, Simplex Electric Co., 303 Marlboro St., Boston, Mass	Sept. 22, 1891
Morton, Henry, *Ph.D.*	President of Stevens Institute of Technology, Hoboken, N. J.	May 24, 1887
Moses, Dr. Otto A.	Electrician, 1037 Fifth Ave., New York City.	May 17, 1887
Moses, Percival Robert, *E. E.*	Electrical Engineer, and Contractor, 35 Nassau St.:_ residence, 46 West 97th St., New York City.	Dec. 19, 1894
Mosman, Chas. T.	Power and Mining Engineering Dep't., General Electric Co.; residence, 406 Union St., Schenectady, N. Y.	Mar. 20, 1895
Mosscrop, Wm. A., *M.E*	Electrical Engineer, 189 Montague St., Brooklyn, N. Y.	May 7, 1889
Munns, Chas. K.	George Washington Lighting Company, 20 Wall St., New York City.	Nov. 21, 1894
Myers, L. E.	Secretary and Treasurer, Electrical Installation Co., 917 Monadnock Building Chicago, Ill.	Sept. 19, 1894
Neilson, John	Sup't of Interior Wiring Department, Larchmont Electric Co., Larchmont, N. Y.	May 18, 1897

Name.	Address.	Date of Election.
NEWBURY, F. J.	Manager Insulated Wire Department, John A. Roebling's Sons Co., Trenton, N. J.	Sept. 23, 1896
NICHOLSON, WALTER W.	General Supt. Central N. Y. Telephone and Telegraph Co., Telephone Building, Syracuse, N. Y.	May 15, 1894
NIMIS, ALBERT A.	Assistant Electrician, B. Altman & Co.; residence, 175 3rd Ave. New York.	Aug. 13, 1897
NOCK, GEO. W.	Chief Engineer, in charge of Steam and Electric Plant Westinghouse Elect. and Mfg. Co., Pittsburg, Pa.	Aug. 5, 1896
NORTON, ELBERT F.	With Card Electric Motor and Dynamo Co., 622-3 Western Union Building, Chicago, Ill.	Dec. 20, 1893
NOXON, C. PER LEE	Contracting Electrical Engineer, 504 Townsend St., Syracuse, N. Y.	Oct. 17, 1894
NUNN, RICHARD J., *M.D.*	Physician, 119½ York St., Savannah, Ga.	July 12, 1887
NYHAN, J. T.	Superintendent and Electrician, Macon and Indian Spring Electric Railway, Macon, Ga.	Feb. 27, 1895
OCKERSHAUSEN, H. A.	Electrical Engineer, 65 Madison Ave., Jersey City, N. J.	Sept. 6, 1887
OLAN, THEODOR, J. W.	Civil and Electrical Engineer, 68 West 49th St., New York City.	May 16, 1893
OLIVETTI, CAMILLO	Ingegnere Industriale, Ivrea, Italy.	Oct. 17, 1894
ORMSBEE, ALEX. F.	Electrical Engineer; residence, 183 Joralemon St., Brooklyn, N. Y.	June 27, 1895
OSBORNE, LOYALL ALLEN	Assistant to 2nd Vice-President Westinghouse Electric and Mfg. Co., Pittsburg, Pa.	Oct. 18, 1893
OSTERBERG, MAX, *E.E.*, *A.M.*	Consulting Engineer, and Electrical Expert, Bowling Green Building, New York City.	Jan. 17, 1894
O'SULLIVAN, M. J.	Superintendent, Electric Light, B. & O. R. R. Co., 154 Keen Street, Zanesville, O.	Mar. 20, 1895
OTTEN, DR. JAN D.	Director, Batavia Electrische Tram-Maatschappij, Van Baerlstraat 80, Amsterdam, Holland.	Nov. 18, 1890
PAGE, A. D.	Assistant Manager, General Electric Co. Lamp Works, Harrison, N. J.	Jan. 19, 1892
PARCELLE, ALBERT L.	Electrician and Inventor, 157 Washington St., Boston, Mass.	Dec. 16, 1891
PARKER, HERSCHEL C.	Tutor in Physics, Columbia University, 21 Fort Green Pl., Brooklyn, N. Y.	April 19, 1892
PARMLY C. HOWARD, *S.M.*, *E.E.*	College of the City of New York, 17 Lexington Ave.; residence, 344 W. 29th St., New York City.	Feb. 21, 1893

Name.	Address.	Date of Election.
Parry, Evan	Engineer, The British Thomson-Houston Ltd., Sunningdale, Fitzgerald Ave., Barnes, London, Eng.	Sept. 25, 1895
Parsell, Henry V., Jr.	31 E. 21st St., New York City.	Nov. 12, 1889
Patton, Price I.	Sheble & Patton, Ltd., 1026 Filbert St.; residence, The Bartram, 33d and Chestnut St., Philadelphia, Pa.	Mar. 20, 1895
Peck, Edward F.	15 Cortlandt Street, New York City; residence, 825 Park Place, Brooklyn, N. Y.	May 20, 1890
Peckham, W. C.	Prof. of Physics, Adelphi College, Brooklyn; residence, 406 Classon Ave, Brooklyn, N. Y.	Nov. 30, 1897
Pedersen, Frederick Malling	Assistant Electrical Engineer, Crocker-Wheeler Electric Co., 39 Cortlandt St.; residence, 39 Washington Square, New York City.	Sept. 20, 1893
Peirce, Arthur W. K.	Simmer and Jack Gold Mining Co., Johannesburg, S. A. R.	June 27, 1895
Perkins, Frank C.	Electrical Engineer and Contractor, 774 Prospect Ave., Buffalo, N. Y.	Oct. 21, 1890
Petty, Walter M.	Superintendent Fire Alarm Telegraph, Rutherford, N. J.	May 16, 1893
Pfund, Richard	With Western Union Telegraph Co., 195 Broadway, New York City.	April 18, 1893
Phelps, Wm. J.	Electrical Engineer and Contractor, Monadnock Bldg., Chicago; residence, Elmwood, Ill.	Mar. 25, 1896
Philbrick, B. W.	Electrician, in charge of Electrical Plant, Hon. Levi P. Morton, Rhinecliff, N. Y.	May 15, 1894
Phillips, Eugene F.	President, American Electrical Works, Phillipsdale, R. I.	July 13, 1889
Phillips, Leo A.	Superintendent, Flushing Electric Light and Power Co., 80 Lawrence St., Flushing, N. Y.	Mar. 21, 1894
Phisterer, Fred'k William	Stanley Electric Mfg. Co., Pittsfield, Mass.	Nov. 20, 1895
Pillsbury, Chas. L.	City Electrical Inspector, City Hall; residence, 1109 Hawthorne Ave., Minneapolis, Minn.	Aug. 13, 1897
Pinkerton, Andrew	Electrical Engineer, The Apollo Iron and Steel Co., Apollo, Pa.	Sept. 25, 1895
Plumb, Charles	Proprietor and Electrician, The Chas. Plumb Electrical Works, 70 West Swan St., Buffalo, N. Y.	June 20, 1894
Poole, Cecil P.	58 New Street; residence, 206 W. 80th St., New York City.	Jan. 3, 1888
Pope, Ralph Wainwright	Secretary to the American Institute of Electrical Engineers, 26 Cortlandt St., (Telephone, 2199 Cortlandt), New York City; residence, 570 Cherry St., Elizabeth, N. J.	June 2, 1885

Name.	Address.	Date of Election.
PORTER, H. HOBART, JR.	Agent, Westinghouse Elec. and Mfg. Co., 120 Broadway, New York; residence, Lawrence, L. I.	Mar. 25, 1896
POTTER, HENRY NOEL	[Address unknown.]	Sept. 19, 1894
POWELL, PERCY HOWARD	Construction Dep't. New York Telephone Co., 18 Cortlandt St., New York City ; residence, Hempstead, N. Y.	Sept. 25, 1895
PRICE, CHAS. W.	Editor the *Electrical Review*, Times Building, New York City; residence, 223 Garfield Place, Brooklyn, N. Y.	Sept 19, 1894
PRICE, EDGAR F.	Electricial Engineer, Carbide Works, Niagara Falls, N. Y.	June 27, 1895
PRINCE, J. LLOYD	868 Flatbush Ave., (Flatbush Station), Brooklyn, N. Y.	Feb. 27, 1895
PRIVAT, LOUIS	Electrician, Cicero Water, Gas and Electric Light Co., Oak Park, Ill.	Dec. 19, 1894
PROCTOR, THOS. L.	General Manager, Riker Electric Motor Co., Brooklyn; residence, Newtown, L. I., N. Y.	April 18, 1894
PUPIN, DR. MICHAEL I.	(*Vice President*) Adjunct Professor in Mechanics, Columbia University ; residence, 7 Highland Place, Yonkers N. Y.	Mar. 18, 1890
RALSTON, LOUIS C.	10 N. Church St., Schenectady, N Y.	April 28, 1897
RANDALL, JOHN E.	Columbia Incandescent Lamp Co., 1912 Olive St., St. Louis, Mo.	May 7, 1889
RANDOLPH, L. S.	Professor of Mechanical Engineering, Blacksburg, Va.	Feb. 21, 1893
RATHENAU, ERICH	Electrical Engineer, Allg. Electricitats Gesellschaft, Berlin, Germany.	Nov. 20, 1895
RAY, WILLIAM D.	General Manager Everett Railway and Electric Co., Everett, Washington.	Sept. 27, 1892
READ, ROBERT H.	Patent Attorney, 44 Broad St., New York City.	Jan. 19, 1892
REDMAN, GEO. A.	General Supt., Electric Dept., Brush Elec. Light Co., and Rochester Gas and Elec. Co., Rochester, N. Y.	Feb. 27, 1895
REED, CHAS. J.	Electrician, 3313 N. 16th St., Philadelphia, Pa.	Mar. 5, 1889
REED, HARRY D.	Electrician, Bishop Gutta Percha Co., 420 East 25th St., New York City; residence, 88 North 9th St., Newark, N. J.	Sept. 19, 1894
REED, HENRY A.	Secretary and Manager, Bishop Gutta-Percha Co., 422 East 25th St., New York City; residence, 88 North 9th St., Newark, N. J.	June 4, 1889
REID, EDWIN S.	General Sup't of Construction, National Underground Cable Co , 17 Times Building; residence, 116 W. 11th St., New York City.	Feb. 26, 1896

Name.	Address.	Date of Election
Reid, Thorburn	Consulting Electrical Engineer, 120 Liberty St., New York City.	Oct. 21, 1890
Reilly, John C.	General Supt., N. Y. & N. J. Tel. Co., 16 Smith St., Brooklyn, N. Y.	April 15, 1884
Rennard, John Clifford, *A. B. E. E.*	Consulting and Supervising Electrical Engineer, 15 Dey St., New York City.	Jan. 16, 1895
Requier, A. Marcel	Electrical Engineer, Westinghouse Electric Co., (L't'd.) 32 Victoria St., London, S. W. Eng.	Dec. 20, 1893
Rhodes, S. Arthur	Electrician, Chief Testing Department, Chicago Telephone Co., Chicago, Ill.; residence, 429 North Pine Ave., Austin, Ill.	Oct. 17, 1894
Rice, Arthur L.	Professor of Steam and Electrical Engineering, Pratt Institute, Brooklyn, N. Y.	Oct. 21, 1896
Rich, Francis Arthur	Consulting Mining and Electrical Engineer, 314 Victoria Arcade, Auckland, New Zealand.	Jan. 20, 1897
Richards, Chas. W.	C. W. Richards & Co., 64 Federal St., Boston; residence, Needham, Mass.	Sept. 23, 1896
Richardson, Robert E.	Electrical Engineer, Pierce & Richardson, 1409 Manhattan Building; residence, 3622 Calumet Ave, Chicago, Ill.	Sept. 19, 1894
Richey, Albert S.	Electrician, Citizens' Street Railway Co., 403 W. Adams Street, Muncie, Ind.	May 18. 1897
Ricker, Charles W.	Expert Electrical Engineer, 184 Cleveland Ave., Buffalo, N. Y.	May 15, 1894
Rideout, Alexander C. *LL. D.*,	Consulting Electrical and Mechanical Engineer, 101 Randolph St., Chicago, Ill.	Aug. 5, 1896
Ridley, A. E. Brooke	Agent, Electrical Engineer, Siemens & Halske Electric Co., 10 Front St., San Francisco, Cal.	Nov. 21, 1894
Ripley, Wm. Howe	605 Lexington Avenue, New York City.	Feb. 17, 1897
Rittenhouse, Chas. T.	247 W. 138th St, New York City.	Feb. 21, 1894
Roberson, Oliver R.	Electrician, Western Union Telegraph Co., 195 Broadway, P. O. Box 856, New York City.	Dec. 20, 1893
Robinson, Almon	Draughtsman, Expert in Methods of Gearing, Webster Road, P. O. Box 943. Lewiston, Me.	Sept. 6, 1887
Robinson, Dwight Parker	Manager, Edison Illuminating Co., 15 South St., Baltimore, Md.	Sept. 25, 1895
Robinson, Francis G.	With Brooklyn Heights R. R. Co.; residence, 156 Macon St., Brooklyn, N. Y.	Nov. 21, 1894

Name.	Address.	Date of Election.
Rodman, Samuel, Jr.	(Late 1st Lieut., 2nd U. S. Artillery), Electrician and Expert in High Explosives. Room 106, Pullman, Bldg., Chicago, Ill.	Sept. 16, 1890
Roebling, Ferdinand W.	Manufacturer of Electrical Wires and Cables, Trenton, N. J.	June 8, 1887
Roller, Frank W. *M.E.*	Electrical Engineer, Machado & Roller, Electrical Machinery, 203 Broadway, N. Y.; residence, Cranford, N. J.	May 21, 1895
Roper, Denney W.	Edison Illuminating Co. of St. Louis, Mo., Alton, Ill.	June 6, 1893
Rosa, Edward B.	Professor of Physics, Wesleyan University, Middletown, Conn.	Feb. 17, 1897
Rosebrugh, Thomas Reeve	Lecturer in Electrical Engineering, School of Practical Science, Toronto, Ont.	June 26, 1891
Rosenbaum, Wm. A.	Electrical Expert and Patent Solicitor, 177 Times Building, New York City.	Jan. 3, 1889
Rosenberg, E. M., *M. E.*	Residence, 138 W. 85th St., New York City.	Oct. 21, 1890
Ross, Taylor William	Second Assistant Engineer, U. S. Revenue Cutter Service, Revenue Cutter "Perry," Astoria, Or.	Mar. 25, 1896
Rowland, Arthur John	Professor of Electrical Engineering, Drexel Institute; residence. 3220 Spencer Terrace, Philadelphia, Pa.	Sept 19, 1894
Rowland, Henry A.	Professor of Physics, Johns Hopkins University, Baltimore, Md.	Mar. 21, 1894
Royce, Fred W.	Electrician and Patent Solicitor, 1423 New York Ave., Washington, D. C.	April 15, 1884
Rushmore, David B.	Foreman, Testing Dep't Royal Electric Co., Montreal, P. Q.	Sept. 25, 1895
Rutherford, Walter	Manager Electric Traction Dep't, Dick Kerr & Co., Ltd., London E. C., England.	Sept. 22, 1891
Sackett, Ward M.	Assistant Chief Draughtsman, Chicago Telephone Co., residence 3739 Ellis Ave., Chicago, Ill.	Oct. 17, 1894
Sage, Henry Judson	Sage & Co., Electrical Engineers, Rochester, Pa.	Dec. 20, 1893
Sahulka, Dr. Johann	Docent of Electrotechnics, Technische Hochschule, Vienna, Austria.	Dec. 20, 1893
Sanborn, Francis N.	Torrington, Conn.	Nov. 24, 1891
Sanderson, Edwin N.	Of Sanderson & Porter, Engineers and Contractors, 120 Broadway, New York City.	Oct. 17, 1894
Sargent, Howard R.	Electrical Engineer, General Electric Co.; residence, 242 Union Street, Schenectady, N. Y.	Mar. 25, 1896

Name.	Address.	Date of Election.
Sathkrberg, Carl Hugo	Chief Engineer, The Midvale Steel Co., Nicetown, Phila., Pa.; residence 1752 N. 26th St., Philadelphia, Pa.	Aug. 5, 1896
Sawyer, Fred. W.	68 Mount Vernon St., Fitchburg, Mass.	June 27, 1895
Saxelby, Frederick	Electrical Engineer, 288 Summer Ave., Newark, N. J.	June 5, 1888
Scheible, Albert	Manager for George Cutter, 851 The Rookery, Chicago, Ill.	June 20, 1894
Schlosser, Fred. G.	Superintendent of Electric Dept., Laclede Gas Light Co., 411 N. 11th St. Louis, Mo.	Sept. 22, 1891
Schreiter, Heinr. *C. E.*	Counsellor and Attorney, 20 Nassau St., New York City.	Jan. 17, 1893
Schwab, Martin C.	1729 Madison Ave., Baltimore, Md.	Nov. 18, 1896
Schwabe, Walter P.	Electrician, Rutherford, Boiling Springs and Carlstadt Electric Co., Carlstadt, N. J.	May 19, 1896
Scidmore, Frank L.	With N. Y. C. & H. R. R. R. Co., office of A. F. A.; residence, 106 Hawthorne Ave., Yonkers, N. Y.	Dec. 18, 1895
Scott, James B.	Electrical and Mechanical Engineer, 227 East German St., Baltimore Md.	Aug. 5, 1896
Scott, Wm. M.	Electrical Engineer, The Cutter Electrical and Mfg. Co., 1112 Sansom St., Philadelphia, Pa.; residence, 108 West Johnson St, Germantown, Pa.	June 23, 1897
Searing, Lewis	Consulting, Mechanical, and Electrical Engineer, Denver Engineering Works, Denver, Col.	April 3, 1888
Searles, A. L.	Engineering Dept., Fort Wayne Electric Corporation, Fort Wayne, Ind.	April 18, 1894
See, A. B.	A. B. See Manufacturing Co., 116 Front St.; residence, 107 East 19th St, (Flatbush), Brooklyn, N. Y.	Jan. 17, 1893
Seely, J. A.	Electrical Engineer and Contractor, 121 Liberty St., New York City.	April 15, 1884
Seitzinger, Harry M.	Consulting and Constructing Engineer, 6 Northampton St., Wilkes-Barre, Pa.	Sept. 20, 1893
Serrell, Lemuel Wm.	Mechanical and Electrical Engineer, 99 Cedar St., New York City; residence, Plainfield, N. J.	Nov. 1, 1887
Serva, A. A	With Fort Wayne Electric Corporation, 17 Federal St., Boston, Mass.	Dec. 20, 1893
Shaffner, S. C.	Supt. and Electrician, Electric Lighting Co. of Mobile, Box, 234, Mobile, Ala.	Aug. 13, 1897
Shain, Charles D.	136 Liberty St., New York City.	June 7, 1892
Sharp, Clayton H.	Instructor, Department of Physics, Cornell University, 122 University Ave., Ithaca, N. Y.	May 15, 1894

Name.	Address.	Date of Election.
SHARPE, E. C.	Consulting Electrical Engineer, 524 S. Broadway, Los Angeles, Cal.	Feb. 26, 1896
SHAW, HOWARD BURTON	Assistant Professor Electrical Engineering, Missouri State University, Columbia, Mo.	April 28, 1897
SHEDD, JOHN C.	531 State St., Madison, Wisc.	Dec. 19, 1894
SHEEHY, ROBERT J.	President, Sheehy Automatic Railroad Signal Co., 122 Pearl St., Boston, Mass.	April 21, 1891
SHIELDS, W. J.	Consulting Engineer, New Wilmington, Pa.	Sept. 19, 1894
SHOCK, THOS. A. W.	Gen'l Sup't Portland General Electric Co., Portland, Or.	Mar. 20, 1895
SHONNARD, HAROLD W.	[Address unknown.]	Oct. 23, 1895
SIMPSON, ALEXANDER B.	Estimating Engineer, Western Electric Co., N. Y. City; residence, 164 7th Ave., Whitestone, L. I.	May 21, 1891
SISE, CHARLES F.	President, Bell Telephone Co., of Canada, P. O. Box 1918, Montreal, Canada.	June 8, 1887
SKIRROW, JOHN F.	Ass't Manager, Postal Telegraph Cable Co., New York City; residence, 183 N. 19th St., East Orange, N. J.	Sept. 25, 1895
SLADE, ARTHUR J., *Ph.D.*	Engineer, with George Hill, 44 Broadway; residence, 62 East 66th St., New York City.	Sept. 19, 1894
SLATER, FREDERICK R.	Designing Department, Otis Bros. & Co., 153 Warburton Ave., Yonkers, N. Y.	Oct. 17, 1894
SMITH, CHARLES HENRY, JR.	Box 2, Atlanta, Ga.	Jan. 17, 1894
SMITH, FRANK E.	Chief Electrician, Edison Light and Power Co., 229 Stevenson St., San Francisco, Cal.	Sept 19, 1894
SMITH, FREDERICK H.	Civil Engineer, 216 Equitable Bldg., Baltimore. Md.	Nov. 12, 1889
SMITH, HAROLD BABBITT	Professor of Electrical Engineering, Worcester Polytechnic Institute; residence, Trowbridge Road, Worcester, Mass.	Nov. 24, 1891
SMITH, J. BRODIE	Supt. and Electrician, Manchester Electric Light Co., 142 Merrimack St., Manchester, N. H.	Mar. 21, 1894
SMITH, J. ELLIOT	Superintendent Fire Alarm Telegraph, 122 W. 73d St., New York City.	April 15, 1884
SMITH, OBERLIN	President and Mechanical Engineer, Ferracute Machine Co., Lochwold, Bridgeton, N. J.	May 19, 1891
SMITH, T. JARRARD	Manufacturers and Inventors' Electric Co., 96 Fulton St., New York City; residence, Roselle, N. J.	April 19, 1892
SPEED, BUCKNER	Assistant Electrical Engineer, Louisville Electric Light Co., 1521 4th Street, Louisville, Ky.	Apr. 22, 1896

Name.	Address.	Date of Election.
SPENCER, PAUL	Gen'l Sup't, People's Light and Power Co., Newark, N. J.; residence, Montclair, N. J.	Nov. 30, 1897
SPENCER, THEODORE	With Bell Telephone Co., 406 Market St., Philadelphia, Pa.	Mar. 21, 1893
SPROUT, SIDNEY S.	Electrical Engineer, 328 Montgomery St., San Francisco, Cal.	Jan. 17, 1894
SQUIER, GEORGE O., *Ph.D.*	1st Lieut., 3d Artillery, Fortress Monroe, Va.	May 19, 1891
STADELMAN, WM. A.	Agent, Elwell-Parker Co., 26 Cortlandt St., New York City.	Feb. 7, 1890
STAHL, TH.	Creusot Works, Creusot, France.	Nov. 15, 1892
STAKES, D. FRANKLIN	Electrical Expert and Salesman, The Fort Wayne Electric Corporation, 101 The Bourse, Philadelphia, Pa.	Jan. 20, 1897
STANLEY, WILLIAM	Electrician, Pittsfield, Mass.	Dec. 6, 1887
STANTON, CHAS. H.	With C. H. & H. Stanton Electrical Contractors, 1517 Walnut St.; residence, 134 S. 3d St., Philadelphia, Pa.	Mar. 20, 1895
STEVENS, J. FRANKLIN	Manager, Keystone Electrical Instrument Co., 9th St. and Montgomery Ave.; residence, 1419 Walnut St., Philadelphia, Pa.	Sept. 19, 1894
STEWART, ROBERT STUART	Supt. of Lines, Public Lighting Commission, 440 Jefferson Ave., Detroit, Michigan.	Dec. 20, 1896
STEWART, W. M.	Wire Chief, New York Telephone Co., 18 Cortlandt Street, New York City; residence, 973 Amsterdam Ave., New York City.	Mar. 25, 1896
STINE, WILBUR M.	(*Vice-President.*) Director Electrical Dept., Armour Institute; residence, 635 W. 61st Street, Chicago, Ill.	May 15, 1894
STOCKBRIDGE, GEO. H.	Patent Attorney, 95 Nassau Street; residence, 2514 11th Ave, near 187th St., New York City.	May 24, 1887
STONE, CHARLES A.	With Firm of Stone & Webster, 4 P. O. Sq., Boston, Mass.	May 19, 1891
STONE, JOSEPH P.	Electrical Engineer, General Electric Co.; residence, 213 Liberty Street, Schenectady, N. Y.	Dec. 18, 1895
STORER, NORMAN W.	Electrical Engineer, Westinghouse Electric and Mfg. Co., residence, Amber Club, Pittsburg, Pa.	Dec. 18, 1895
STORRS, PROF. H. A.	Professor of Electrical Engineering, University of Vt., Burlington, Vt.	Mar. 21, 1893
STRATTON, ALEX.	Assistant Electrical Engineer, C. & C. Electric Co., Garwood N. J.; residence 120 W. 126th St., New York City.	Mar. 20, 1895
STRAUS, THEODORE	Electrical Eng., General Electric Co., Schenectady, N. Y.; residence, 1213 Linden Avenue, Baltimore, Md.	Nov. 18, 1896

Name.	Address.	Date of Election.
Strauss, Herman A.	Consulting Electrical Engineer and Electrical Expert, 54 Maiden Lane and 29 Liberty St; residence, Kingscourt, Madison Ave., and 87th St., New York	Oct. 17, 1894
Strong, Frederick G.	Box, 959, Hartford, Conn.	Oct. 27, 1891
Sturtevant, Charles L.	Patent Attorney, Atlantic Building, Washington, D. C.	Dec. 20, 1893
Sullivan, Edward	Supt. Construction, Standard Underground Cable Co., 18 Cortlandt St., residence, 337 W. 18th Street, New York City.	Feb. 26, 1896
Summers, Leland L.	Electrical Engineer, 441 The Rookery, Chicago, Ill.	Feb. 16, 1892
Sventorzetzky, Capt. Loudomir	Military Engineering Academy, St. Petersburg, Russia.	Sept. 20, 1893
Swenson, Bernard Victor	Assistant Professor of Electrical Engineering, University of Illinois, Champaign, Ill.	Feb. 27, 1895
Sweet, Henry N.	Chief of Patent Bureau, Thomson Electric Welding Co., 4 Spruce St., Boston, Mass.	May 20, 1890
Sykes, Henry H.	Chief Engineer, Bell Telephone Co., of Mo., Telephone Bldg., St. Louis, Mo.	Oct. 18, 1893
Tait, Frank M.	Superintendent, Catasauqua Electric Light and Power Co., 731 3d St., Catasauqua, Pa.	Sept. 19, 1894
Tapley, Walter H.	Electrician in Government Printing Office, care of Public Printer, Washington, D. C.	Oct. 25, 1892
Temple, William Chase	Mechanical and Electrical Engineer, Lewis Block, P. O. Box 800, Pittsburg, Pa.	May 3, 1887
Tesla, Nikola	Electrical Engineer and Inventor, 46 E. Houston St., The Gerlach, 53 W. 27th St., New York City.	June 5, 1888
Thayer, George Langstaff	Manager, Belle Plaine Electric Light Co., Belle Plaine, Ia.	Aug. 5, 1896
Thomas, Robert McKean, *E. E.*	Assistant Chief Inspector, Bureau of Electrical Appliances, N. Y. Fire Dept.; residence, 135 Madison Ave., New York City.	April 22, 1896
Thordarsson, Chester H.	Chicago Edison Co.; residence, 284 Rush St., Chicago, Ill.	Dec. 18, 1895
Thresher, Alfred A.	Electrical Engineer and Proprietor Thresher Electric Co., Dayton, O.	April 22, 1896
Thurber, Howard F.	General Superintendent, New York Telephone Co., 18 Cortlandt Street, New York City; residence, 49 Sidney Place, Brooklyn, N. Y.	Mar. 25, 1896
Toerring, C., Jr.	Electrical Engineer, Helios Electric Co., 3214 Arlington Avenue., Philadelphia, Pa.	April 18, 1894

Name.	Address.	Date of Election.
TORCHIO, PHILIPPO	Engineering Dep't, The Edison Elec. Illuminating Co., 53 Duane Street, New York City.	June 27, 1895
TOWER, GEORGE A.	Electrical Engineer, The Sherwood Land Co., and The Jefferson Hotel Co., 704 E. Main St., Richmond, Va.	May 15, 1894
TOWNSEND, HENRY C.	Attorney and Expert in Electrical Cases, 5 Beekman St., New York City.	July 10, 1888
TOWNSEND, SAMUEL G F.	Assistant in Electrical Engineering, Columbia University; residence, 131 Fifth Ave., New York City.	Jan. 20, 1897
TREADWELL, AUGUSTUS, JR.	Private Assistant, Polytechnic Institute, 488 3d St., Brooklyn, N. Y.	Feb. 21, 1894
TROTT, A. H. HARDY [Life Member.]	Beer, near Axminster, Devonshire, Eng.	Jan. 20, 1891
TUTTLE, GEORGE W.	Electrical Engineer, Sawyer-Man Electric Co., 510 W. 23d St.; residence, 328 W. 23d St., New York City.	Mar. 17, 1891
VAIL, THEO. N.	26 Cortlandt St., New York City.	April 15, 1884
VAN BUREN, GURDON C.	Electrician and Electrical Contractor, 84 Clinton Ave., Albany, N. Y.	Oct. 25, 1892
VANDEGRIFT, JAMES A.	Sawyer-Man Electric Company, 125 Robinson St., Allegheny, Pa.	Nov. 24, 1891
VANDERSLICE, G. HAMILTON	326 Penn Avenue. Pittsburg, Pa.	Dec. 19, 1894
VAN DEVENTER, CHRISTOPHER	Student, Columbia University; residence, 626 Lexington Ave., New York City.	Feb. 17, 1897
VAN VLECK, FRANK	President, Van Vleck Tramway Co., Wells Fargo Bldg., Los Angeles, Cal.	Nov. 16, 1886
VAN VLECK, JOHN FALCONER	Constructing Engineer, The Edison Electric and Illuminating Co. of New York; residence, Glenridge, N. J.	Aug. 5, 1896
VAN WYCK, PHILIP V. R., JR.	Plainfield, N. J.	April 21, 1891
VARLEY, THOMAS W.	Electrician, United Electric Light and Power Co., 210 Elizabeth St., New York City.	Sept. 19, 1894
VARNEY, WILLIAM WESLEY	Attorney at Law, Electrical Expert, 118 East Lexington St.; residence, 712 N. Carey St., Baltimore, Md.	Nov. 21, 1894
VENABLE, WM. MAYO	Electrical Inspector, Cincinnati Underwriters' Association; residence, 3649 Vineyard Place, Cincinnati, O.	Nov 30, 1897
VERLEY, HORACE S. L.	With Dr. Wm. E. Geyer, as Laboratory Assistant, Stevens Institute, Hoboken, N. J.; 136 Liberty St., New York City.	May 17, 1892
VOIT, DR. ERNST	Professor of Electricity, Technical University, Schwanthalerstrasse, Munchen, Germany.	Mar. 21, 1894

Name.	Address.	Date of Election.
VOSMAER, ALEXANDER	Mechanical, Chemical and Electrical Engineer, Electrical Research Laboratory, Suerkade 104, The Hague, Holland.	Nov. 18, 1896
WAGNER, EDWARD ANDREWS.	Electrician, 30 Eddy St., Ithaca, N. Y.	Jan. 22, 1896
WALKER, ARTHUR F.	Sup't and Electrical Engineer, Edison Light Co., Grand Rapids, Mich.	Oct. 23, 1895
WALLACE, CHAS. F.	Engineer, Stone and Webster, Boston, Mass.; residence, 62 Forest Street, Roxbury, Boston, Mass.	Nov. 18, 1896
WALLACE, WILLIAM	Washington, D. C.	April 15, 1884
WARDELL, GEORGE PHELPS	675 Marcy Ave., Brooklyn, N. Y.	Nov. 12, 1889
WARDLAW, GEORGE A.	412 East Willow St., Syracuse, N. Y.	Jan. 17, 1894
WARING, RICHARD S.	Standard Underground Cable Co., 61 Westinghouse Bldg., Pittsburg, Pa.	April 15, 1884
WARNER, CHAS. H.	Consulting Electrical Engineer, Bowling Green Building, New York City.	Dec. 20, 1893
WARREN, ALDRED K.	Proprietor, A. K. Warren & Co., 451 Greenwich St., New York; residence New Brighton, N. Y.	Nov. 20, 1895
WASON, CHAS. W.	Electrical Engineer and Purchasing Agent, Cleveland Electric R. R. Co., 2069 Euclid Ave., Cleveland, O.	May 19, 1891
WATERS, EDWARD G.	General Electric Co., 44 Broad St., New York City.	Mar. 18, 1890
WATTS, H. FRANKLIN	Electrical Engineer and Contractor, 1467 N. 53d St., W. Philadelphia, Pa.	May 20, 1890
WEBB, HENRY STORRS	Instructor in Electrical Engineering, Lehigh University, South Bethlehem, Pa.	Nov. 20, 1895
WEBSTER, DR. ARTHUR G.	Assistant Professor of Physics, Clark University, 936 Main St., Worcester, Mass.	Jan. 19, 1892
WEBSTER, EDWIN S.	Firm of Stone & Webster, 4 P. O. Sq., Boston, Mass.	April 21, 1891
WEISE, WILL M. T.	Manager, Weise Bros., Library Building, Davenport, Iowa.	Aug. 13, 1897
WELLS, DANA CLEMMER	Assistant in Physics, Columbia University, New York; residence, 109 Willow St., Brooklyn, N. Y.	April 28, 1897
WENDLE, GEORGE E.	760 W. 4th St., Williamsport, Pa.	Feb. 21, 1894
WEST, JULIUS HENRIK	Engineer, Handjery St., 58 Friedenau, Berlin, Germany.	Sept. 20, 1893
WELLES, FRANCIS R.	Manufacturer, 46 Avenue de Breteuil, Paris, France.	Sept. 6, 1887
WHARTON, HUGH M.	Electrical Engineer, 69 Christopher St., Montclair, N. J.	May 15, 1894
WHITAKER, S. EDGAR	Electrical Engineer and Contractor, 58 Oliver St., Fitchburg, Mass.	Aug. 5, 1896

Name.	Address.	Date of Election.
WHITE, CHAS. G.	Public Schools Sup't, and Instructor in Physics and Chemistry, Lake Linden, Mich.	Sept. 23, 1896
WHITE, J. G.	J. G. White & Co., Electrical Engineers and Contractors, 29 Broadway, New York City.	April 2, 1889
WHITE, WILL F.	Electrical Engineer, Vice-President, New Omaha T.-H. Electric Light Co., 309 So. 13th St., Omaha, Neb.	Feb. 7, 1890
WHITING, ALLEN H.	Electrical Engineer, Riker Electric Motor Co., Brooklyn, N. Y.; residence, Stamford, Conn.	Nov. 18, 1896
WHITMORE, W. G.	Electrical Engineer, General Electric Co., Edison Building, Box 3067, New York City.	Mar. 18, 1890
WHITNEY, HENRY M. [Life Member.]	81 Milk St., Boston, Mass.	July 12, 1887
WIEDERHOLD, OSCAR	Electrical Engineer, Wiederhold & Stoeckel, 30 Cortlandt St., New York; residence, Summit, N. J.	Aug. 13, 1897
WIESE, GUSTAV ADOLPH	City Electrician of Alameda, 718 Haight Ave., Alameda, Cal.	Sept. 25, 1895
WIGHTMAN, MERLE J.	Electrical Engineer, The Staten Island Midland Railway Co., Stapleton, N. Y.	Mar. 5, 1889
WILEY, WALTER S.	Engineer, with the American Waterworks, 1107 No. 40th St., Omaha, Neb.	April 18, 1894
WILEY, WM. H.	Scientific Expert, 53 E. 10th St., New York City.	Feb. 7, 1888
WILLIAMS, ARTHUR	General Inspector, The Edison Electric Illuminating Co., of New York; residence, 155 Linden Boulevard, Brooklyn, N. Y.	June 23, 1897
WILLIAMS, CHARLES JR.	Electrician, 1 Arlington Street, East Somerville, Mass.	April 15, 1884
WILLIAMS, GEO. HENRY	District Supt. The Edison & Swan United Electric Co., Ltd., 134 Royal Avenue; residence, Culmore, Glenburn Park, Belfast, Ireland.	Oct. 27, 1897
WILLIAMSON, G. DEWITT	Dobbs Ferry, N. Y.	April 18, 1893
WILLIS, EDWARD J.	Supt.¶ Richmond Traction Co., Richmond, Va.	Nov. 30, 1897
WILSON, CHESTER P.	General Manager, Sioux City Traction Co., Sioux City, Mo.	Sep. 25, 1895
WINAND, PAUL A. N.	Engineer and Supt., Schleicher, Schumm & Co., 3200 Arch St., Philadelphia, Pa.	June 20, 1894
WINCHESTER, SAMUEL B.	9 Laurel St., Holyoke, Mass.	May 15, 1894
WINSLOW, I. E.	The General Traction Company, Ltd., 35 Parliament Street, Westminster, London, Eng.	Nov. 12, 1889

Name.	Address.	Date of Election.
Wintringham, J. P.	Theorist, 36 Pine St., New York City, and 153 Henry St., Brooklyn, N.Y.	May 7, 1889
Wirt, Herbert C.	Engineer, Supply Department, General Electric Co., Schenectady, N. Y.	June 26, 1891
Woodward, Francke L.	Electrical Engineer, 49 Grand Street, Albany, N. Y.	June 26, 1891
Woodward, W. C.	Electrical Engineer, Narragansett Electric Lighting Co.; residence, 21 Arlington Ave., Providence, R. I.	Nov. 18, 1896
Woodworth, Geo. K	Instructor in Electrical Laboratory, Bliss School of Electricity, 35 B. St., N. W.; residence, 1424 St., N. W. Washington, D. C.	Feb. 17, 1897
Woolf, Albert E.	Electrician and Inventor, The Electrozone Co., 415 Lexington Ave., New York City.	Sept. 16, 1890
Worswick, A. E.	Electrical Engineer, Cape Town Tramways Company, Cape Town, So. Africa.	Sept. 20, 1893
Wotton, James A.	Electrician, Southern Bell Telephone and Telegraph Co., P. O. Box, 218, Atlanta, Ga.	Oct. 27, 1897
Wray, J. Glen	Assistant Engineer, Chicago Telephone Co., 162 Centre St., Chicago, Ill.	Sept. 20, 1893
Wright, Louis S.	1700 Green St., Philadelphia, Pa.	Nov. 18, 1896
Wybro, Harrison C.	Electrical Engineer, Wybro & Lawrence Co., 53 Chronicle Building, San Francisco, Cal.	Dec. 18, 1895
Yarnall, V. H.	Superintendent of Construction, for L. W. Serrell, 99 Cedar St, New York City.	May 16, 1893
Young, Charles I.	Electrical Engineer, Westinghouse Elec. & Mfg. Co., Girard Building, Philadelphia, Pa.	June 27, 1895
Yslas, Carlos	Electrician of Railway in Jalapa, Vera Cruz, Mexico.	Nov. 18, 1896
Zalinski, Edmund L.	Captain of Artillery, U. S. A., (retired), The Century, 7 West 43d St., New York City.	May 17, 1887
Zimmerman, Laurence J.	Electrical Engineer and Inventor, 57 Pennsylvania Ave., Brooklyn, N. Y.	Mar. 21, 1893

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